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OHIO TOOL COMPANY

ESTABLISHED 1823



REGISTERED
U.S. PAT. OFF

COLUMBUS. OHIO

AUBURN, N.Y.

U. S. A.

Catalogue No 23

This c.1910 Ohio Tool Co. Catalogue is reprinted from an original in the collection of Mr. Paul Kebabian a Mid-West Tool Collectors Association member of South Burlington, Vermont. This reprint was originally published by Roger K. Smith in 1976.

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Reprinted by

The Special Publications Committee

Mid-West Tool Collectors Association

October, 1990

Illustrated Price List

No. 23

PLANES, PLANE IRONS,
CHISELS, DRAWING
KNIVES, GOUGES,
AUGER BITS, SPOKE
SHAVES, CABINET
MAKERS' *and* MANUAL
TRAINING BENCHES,
HANDLES, BENCH *and*
HAND SCREWS,
COOPERS' WOOD
and EDGE TOOLS

THE
MARK



OF
QUALITY

REGISTERED U. S. PATENT OFFICE

TO THE TRADE

GENTLEMEN:—Your attention is invited to this revised Price List of Tools.

For nearly a century our factories have been furnishing goods, and the trade and mechanics generally are familiar with the quality of our manufactures, and we design that our products shall be of such quality as to give entire satisfaction.

Having factories in Columbus, Ohio, and Auburn, New York, with increased facilities, we are in better position than ever before to render satisfactory service.

We beg to call your attention to a number of new items which we have recently added to our line, which, beyond doubt, make ours the most complete line of High Grade Carpenters' Tools now on the market.

Tang Chisels and Gouges, Pages 66, 67.

Turning Chisels and Gouges, Page 68.

“Ohio Extra” Auger Bits, Page 69.

“Ohio” Expansive Bits, Page 70.

Cabinet Makers' and Manual Training Benches, Pages 43-46.

We have received awards at all international exhibitions at which our manufactures have been shown, including the HIGHEST AWARD given on Carpenters' Tools, at PARIS EXPOSITION, 1900.

We are sole owners of the Auburn Tool Co., “Star,” New York Tool Co., “Thistle,” and all other brands, owned and used by the late Auburn Tool Co., in addition to our former brands.

This catalogue cancels all previous editions.

Respectfully,

OHIO TOOL COMPANY.

“OHIO” ADJUSTABLE PLANES

Particular attention is directed to the following very important points in which the “Ohio” Plane will be found to excel :

IRON. The iron used in our Adjustable Iron and Wood Bottom Bench Planes is *right* in construction and quality.

It is *extra heavy*, as shown in cut, being thicker at the cutting end where weight is needed, tapering gradually toward the top of the iron.

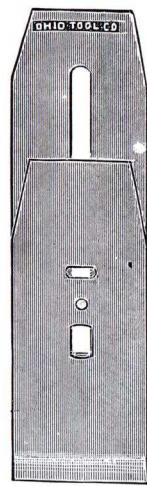
This prevents its chattering or trembling in knots or hard places, and it works equally well in hard and soft timber.

Our irons are made from extra quality cast steel carefully treated and tempered.

FACES OF PLANES. Particular attention is paid to the *Faces* of our Planes, to have them as *absolutely true* as the most up-to-date machinery and skilled workmen can make them.

ADJUSTMENTS. Are complete and perfect in working.

Each Plane is carefully inspected and tested before leaving the factory, and is accompanied by this guarantee:



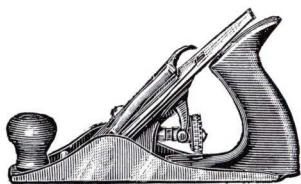
WE GUARANTEE

These Planes to be true, and adjustments to be correctly made, all from the best material, and in perfect working order when leaving our factory. The bits are made from extra quality cast steel, finely tempered, sharpened and whetted ready for use.

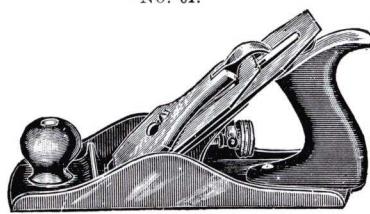
If any of our Planes are found defective either in workmanship or quality, and you will return same to either of our factories, taking care to enclose this ticket, we will replace them free of charge.

IRON PLANES.

Packed one each in a paper box.



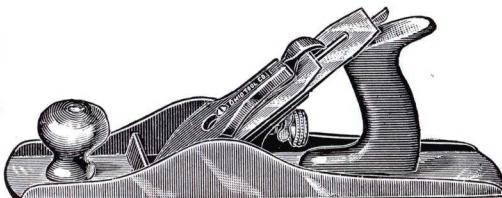
No. 01.



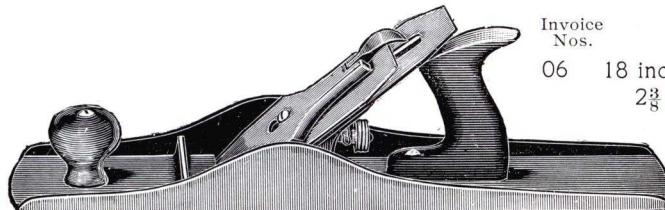
No. 04.

Invoice Nos.	JACKS.	Price Each
05	14 inches in length, 2 inch cutter..	\$3 75
05 $\frac{1}{4}$	14 inches in length, 2 $\frac{1}{8}$ inch cutter.	4 00
05 $\frac{1}{2}$	15 inches in length, 2 $\frac{1}{4}$ inch cutter.	4 25
05 $\frac{3}{4}$	15 inches in length, 2 $\frac{3}{8}$ inch cutter.	4 50

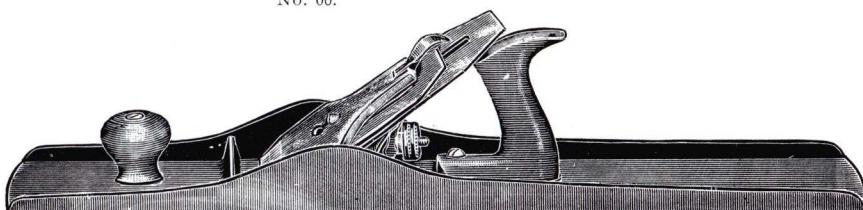
Invoice Nos.	HANDED SMOOTHHS.	Price Each
01	5 $\frac{1}{2}$ inches in length, 1 $\frac{1}{4}$ inch cutter	\$2 25
02	7 inches in length, 1 $\frac{5}{8}$ inch cutter	2 75
03	8 inches in length, 1 $\frac{3}{4}$ inch cutter	3 00
04	9 inches in length, 2 inch cutter	3 25
04 $\frac{1}{4}$	9 $\frac{1}{2}$ inches in length, 2 $\frac{1}{4}$ inch cutter	3 60
04 $\frac{1}{2}$	10 inches in length, 2 $\frac{3}{8}$ inch cutter	3 75



No. 05.



No. 06.



No. 07.

Invoice Nos.	JOINTERS.	Price Each
07	22 inches in length, 2 $\frac{3}{8}$ inch cutter.....	\$5 50
08	24 inches in length, 2 $\frac{5}{8}$ inch cutter.....	6 50

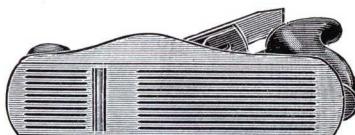
For contents, weights and measurements of full cases, see page 80.

IRON PLANES WITH CORRUGATED BOTTOMS.

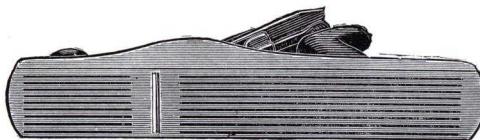
Packed one each in a paper box

Invoice Nos. HANDLED SMOOTHS.

		Price Each
02c	7 inches in length, 1 $\frac{5}{8}$ inch cutter	\$2 75
03c	8 inches in length, 1 $\frac{3}{4}$ inch cutter	3 00
04c	9 inches in length, 2 inch cutter	3 25
04 $\frac{1}{2}$ c	9 $\frac{1}{2}$ inches in length, 2 $\frac{1}{4}$ inch cutter	3 60
04 $\frac{1}{2}$ c	10 inches in length, 2 $\frac{5}{8}$ inch cutter	3 75



No. 04c.



No. 05c.

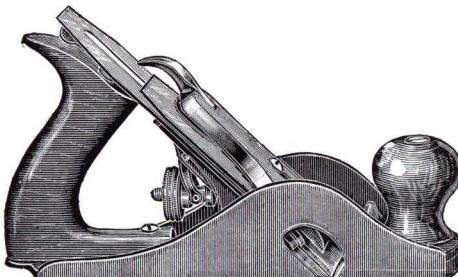
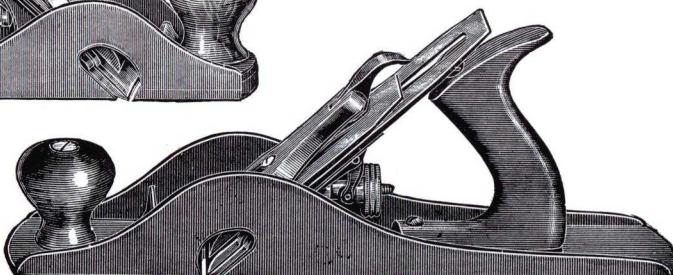
JACKS.

		Price Each
05c	14 inches in length, 2 inch cutter.....	\$3 75
05 $\frac{1}{4}$ c	14 inches in length, 2 $\frac{1}{8}$ inch cutter.....	4 00
05 $\frac{1}{2}$ c	15 inches in length, 2 $\frac{1}{4}$ inch cutter	4 25
05 $\frac{3}{4}$ c	15 inches in length, 2 $\frac{5}{8}$ inch cutter	4 50

Invoice Nos.

		Price Each
06c	18 inches in length, 2 $\frac{5}{8}$ inch cutter	\$4 75
Invoice Nos.		Price Each
07c	22 inches in length, 2 $\frac{5}{8}$ inch cutter	\$5 50
08c	24 inches in length, 2 $\frac{5}{8}$ inch cutter	6 50

CARRIAGE MAKERS' RABBET PLANES.

No. 010 $\frac{1}{2}$ 

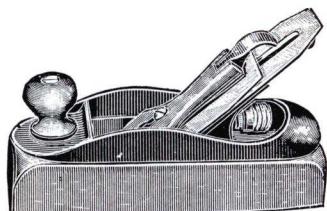
No. 010.

CARRIAGE MAKERS' RABBET PLANES WITH CORRUGATED BOTTOMS.

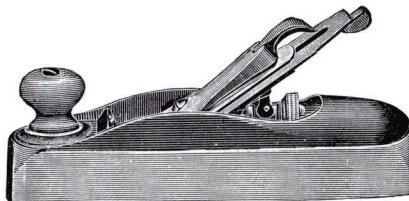
		Price Each
010 $\frac{1}{2}$ c	9 inches in length, 2 $\frac{1}{8}$ inch cutter	\$3 75
010c	13 inches in length, 2 $\frac{1}{8}$ inch cutter	4 50

WOOD BOTTOM PLANES.

Packed one each in a paper box.



No. 024.

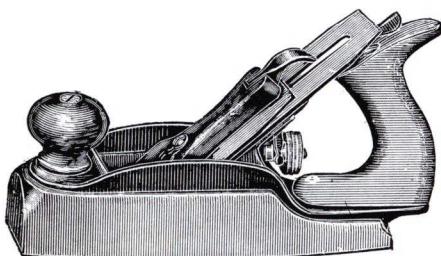


No. 025.

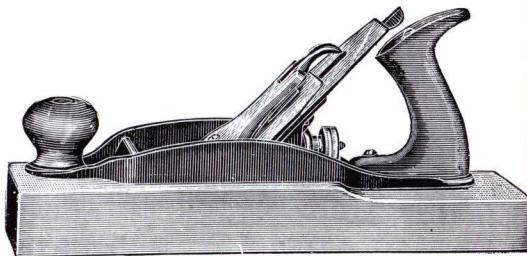
Invoice
Nos.

		Price Each
021	7 inches in length, 1 $\frac{3}{4}$ inch cutter.....	\$2 00
022	8 inches in length, 1 $\frac{3}{4}$ inch cutter.....	2 00
023	9 inches in length, 1 $\frac{3}{4}$ inch cutter.....	2 00
024	8 inches in length, 2 inch cutter.....	2 00
025	Block Plane , 9 $\frac{1}{2}$ inches in length, 1 $\frac{3}{4}$ inch cutter	2 00

SMOOooths.



No. 035.



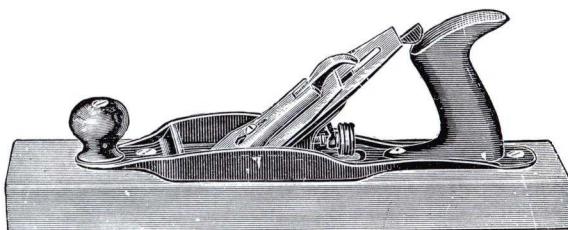
No. 037.

Invoice
Nos.

HANDLED SMOOTHs.

Price
Each

035	9 inches in length, 2 inch cutter.....	\$2 50
036	10 inches in length, 2 $\frac{3}{8}$ inch cutter.....	2 75
037	Jenny Smooth , 13 inches in length, 2 $\frac{3}{8}$ inch cutter	3 00



No. 026.

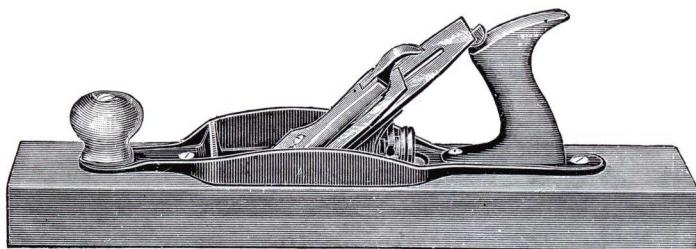
Invoice
Nos.

JACKS.

Price
Each

026	15 inches in length, 2 inch cutter	\$2 25
027	15 inches in length, 2 $\frac{1}{8}$ inch cutter.....	2 50
027 $\frac{1}{2}$	15 inches in length, 2 $\frac{1}{4}$ inch cutter	2 50

WOOD BOTTOM PLANES—Continued.



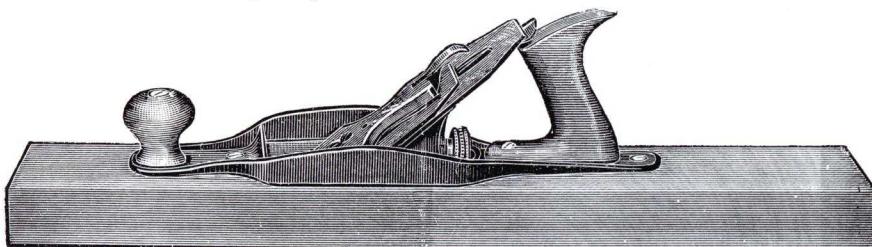
No. 028.

Invoice
Nos.

FORSES.

Price
Each

028	18 inches in length, 2 $\frac{5}{8}$ inch cutter.	.....	\$2 75
029	20 inches in length, 2 $\frac{5}{8}$ inch cutter.	.....	2 75



No. 032.

Invoice
Nos.

JOINTERS.

Price
Each

030	22 inches in length, 2 $\frac{5}{8}$ inch cutter	.....	\$3 00
031	24 inches in length, 2 $\frac{5}{8}$ inch cutter	.....	3 00
032	26 inches in length, 2 $\frac{5}{8}$ inch cutter	.....	3 25
033	28 inches in length, 2 $\frac{5}{8}$ inch cutter	.....	3 25
034	30 inches in length, 2 $\frac{5}{8}$ inch cutter	.....	3 50

For contents, weights and measurements of full cases, see page 79.

ADJUSTABLE PLANE IRONS.

Made from extra quality tool steel, carefully treated and tempered, warranted.

Packed one-half dozen in a box.

Invoice
Nos.

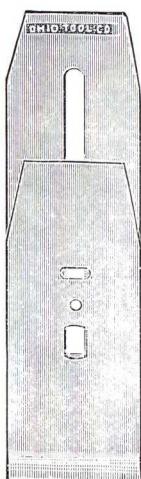
0253 Single Cut Irons for Ohio Adjustable Planes;

Size, inches	1 $\frac{1}{4}$	1 $\frac{5}{8}$	1 $\frac{3}{4}$	2	2 $\frac{1}{8}$	2 $\frac{1}{4}$	2 $\frac{3}{8}$	2 $\frac{5}{8}$
List, each	\$0.22	.24	.25	.27	.29	.31	.33	.38

0254 Double Irons for Ohio Adjustable Planes;

Size, inches	1 $\frac{1}{4}$	1 $\frac{5}{8}$	1 $\frac{3}{4}$	2	2 $\frac{1}{8}$	2 $\frac{1}{4}$	2 $\frac{3}{8}$	2 $\frac{5}{8}$
List, each	\$0.37	.39	.41	.43	.45	.47	.50	.59

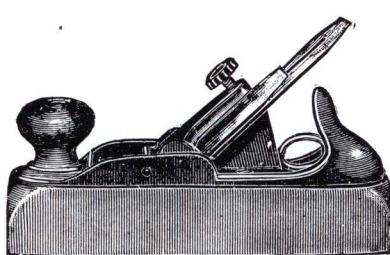
In ordering Plane Irons state number of Plane for which they are wanted.



WOOD BOTTOM PLANES.

ADJUSTED BY A LEVER.

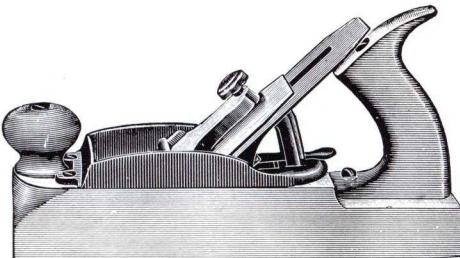
Packed one each in a paper box.

Invoice
Nos.

0122

No. 0122.

0135

Smooth Plane, 8 inches in length, $1\frac{3}{4}$ inch cutter..... \$1 50

No. 0135.

Price
Each

\$1 50

0135

Handled Smooth, 10 inches in length, $2\frac{1}{8}$ inch cutter..... 2 00

No. 0127

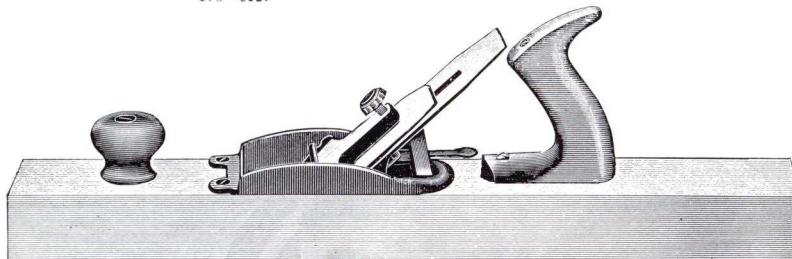
Invoice
No.

0127 Jack Plane, 15

inches in

length, $2\frac{1}{8}$

inch cutter \$2 00

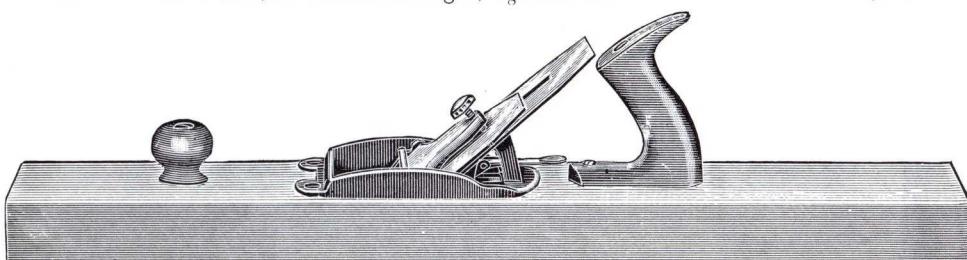
Invoice
No.

0129

No. 0129.

Price
Each

\$2 25

Invoice
No.

0132

No. 0132.

Price
Each

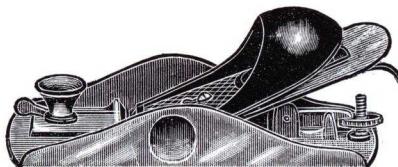
\$2 50

Jointer Plane, 26 inches in length, $2\frac{5}{8}$ inch cutter

For contents, weights and measurements of full cases, see page 79.

BLOCK PLANES.

Packed one each in a paper box.



No. 09½

Invoice No.		Price Each
09½	Block Plane, Lateral and Longitudinal Adjustment, 6 inches in length, 1 3/4 inch cutter	\$1 60



Nos. 09½, 015½.

No. 015.

Price
Each

Invoice Nos.		Price Each
015	Block Plane, Lateral and Longitudinal Adjustment, 7 inches in length, 1 3/4 inch cutter	\$1 70
09½	Block Plane, Lateral and Longitudinal Adjustment, 6 inches in length, 1 3/4 inch cutter, Nickel Trimmings	1 75
015½	Block Plane, Lateral and Longitudinal Adjustment, 7 inches in length, 1 3/4 inch cutter, Nickel Trimmings	1 85
09¾	Rosewood Handle, 6 inches in length, 1 3/4 inch cutter	1 85
015½	Rosewood Handle, 7 inches in length, 1 3/4 inch cutter	1 95

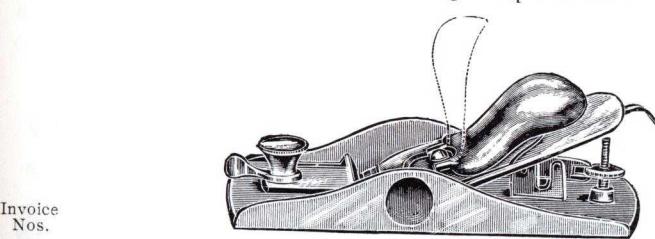


Invoice Nos. No. 016.

No. 017.

Price
Each

Invoice Nos.		Price Each
016	Nickel Trimmings, 6 inches in length, 1 3/4 inch cutter	\$1 75
017	Nickel Trimmings, 7 inches in length, 1 3/4 inch cutter	1 85

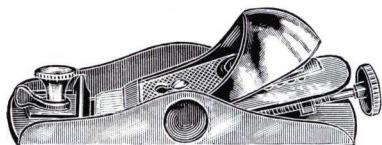


Nos. 018, 019.

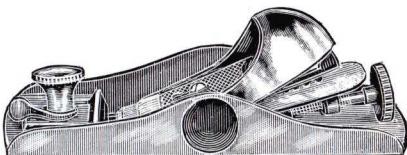
Price
Each

Invoice Nos.		Price Each
018	Knuckle Joint Block Plane, Nickel Trimmings, 6 inches in length, 1 3/4 inch cutter	\$1 85
019	Knuckle Joint Block Plane, Nickel Trimmings, 7 inches in length, 1 3/4 inch cutter	1 95

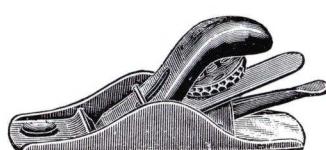
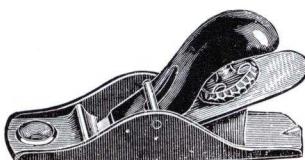
BLOCK PLANES—Continued.



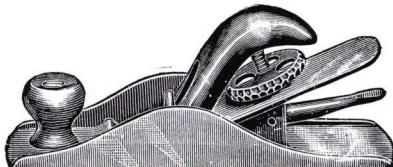
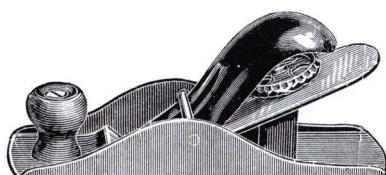
Invoice Nos.	No. 060.	Price Each
060 $\frac{1}{2}$	Low Angle Block Plane, Lateral and Longitudinal Adjustment, 6 inches in length, 1 $\frac{1}{2}$ inch cutter.....	\$1 55
065 $\frac{1}{2}$	Low Angle Block Plane, Lateral and Longitudinal Adjustment, 7 inches in length, 1 $\frac{3}{4}$ inch cutter.....	1 80
060	Low Angle Block Plane, Lateral and Longitudinal Adjustment, 6 inches in length, 1 $\frac{1}{2}$ inch cutter, Nickel Trimmings.....	1 75
065	Low Angle Block Plane, Lateral and Longitudinal Adjustment, 7 inches in length, 1 $\frac{3}{4}$ inch cutter, Nickel Trimmings.....	1 90



Invoice Nos.	No. 0130.	No. 0220.	Price Each
0130	Block Plane, Double ender, 8 inches in length, 1 $\frac{3}{4}$ inch cutter....	\$1 00	
0220	Block Plane, Adjustable, 7 $\frac{1}{2}$ inches in length, 1 $\frac{3}{4}$ inch cutter.....		95

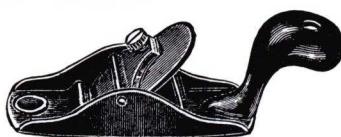


Invoice Nos.	No. 0102.	No. 0103.	Price Each
0102	Block Plane, 5 $\frac{1}{2}$ inches in length, 1 $\frac{1}{4}$ inch cutter		\$0 55
0103	Block Plane, Adjustable, 5 $\frac{1}{2}$ inches in length, 1 $\frac{1}{4}$ inch cutter.....		70



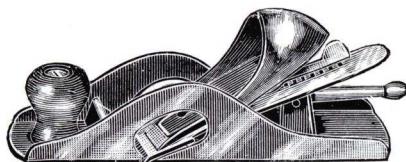
Invoice Nos.	No. 0110.	No. 0120.	Price Each
0110	Block Plane, 7 $\frac{1}{2}$ inches in length, 1 $\frac{3}{4}$ inch cutter.....		\$0 70
0120	Block Plane, Adjustable, 7 $\frac{1}{2}$ inches in length, 1 $\frac{3}{4}$ inch cutter.....		95

BLOCK PLANES—Continued.



Invoice Nos.	No. 0101.	No. 0100 with Handle.	Price Each
0101	Block Plane, 3½ inches in length, 1 inch cutter		\$0 25
0100	Block Plane, Handled, 3½ inches in length, 1 inch cutter		33

RABBET AND BLOCK PLANE.

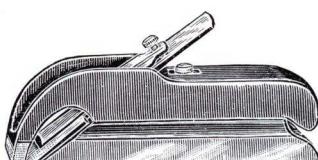


Invoice No.	No. 0140.	Price Each
0140	Rabbet and Block Plane, 7 inches in length, 1¾ inch cutter	\$1 60

BLOCK PLANE IRONS.

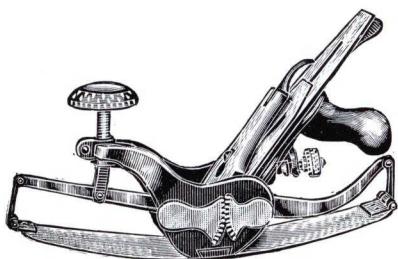
For Plane No.....	09½ and 09¾	09¾	015 and 015½	015½	016	017	018	019	060 and 060½	065 and 065½
Per Dozen.....	\$1.75	\$1.75	\$1.75	\$1.75	\$1.75	\$1.75	\$1.75	\$1.75	\$1.75	\$1.75
For Plane No.....	0130	0220	0102	0103	0110	0120	0100	0101	0140	
Per Dozen	\$1.30	\$1.75	\$.90	\$.90	\$1.30	\$1.75	\$.55	\$.55	\$2.10	

OHIO BULL-NOSE RABBET PLANE.

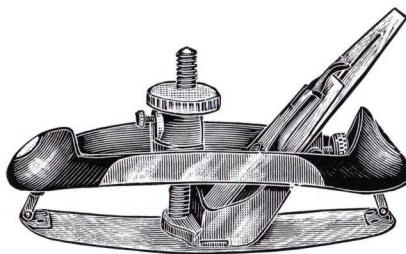


Invoice No.	No. 075.	Price Each
075	Iron Stock, 4 inches in length, 1 inch cutter.....	\$0 55

ADJUSTABLE CIRCULAR PLANES.

Invoice
Nos.

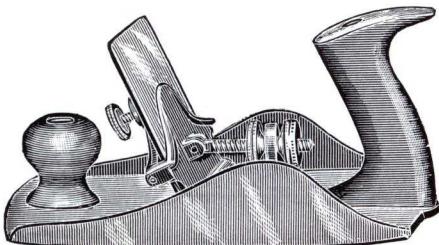
No. 0113.



No. 020.

Price
Each

0113	Adjustable Circular Plane, 1 $\frac{3}{4}$ inch cutter	\$2 75
020	Adjustable Circular Plane, Nickel Plated, 1 $\frac{3}{4}$ inch cutter	3 75
020 $\frac{1}{2}$	Adjustable Circular Plane, 1 $\frac{3}{4}$ inch cutter	3 15



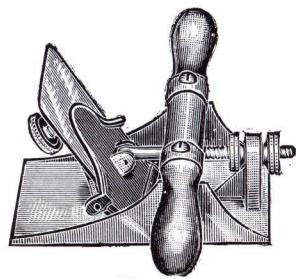
No. 0112.

ADJUSTABLE SCRAPER
PLANE.Invoice
No.Price
Each

0112	Adjustable Scraper Plane, 9 inches in length, 3 inch cutter.....	\$2 00
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ADJUSTABLE VENEER
SCRAPER.Invoice
No.Price
Each

012	Adjustable Veneer Scraper, 3 inch cutter	\$2 25
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No. 012.

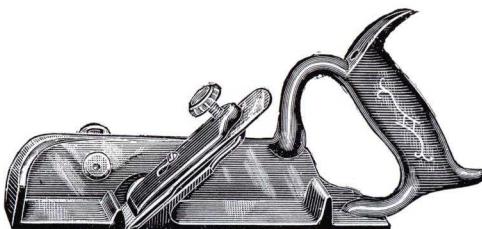


No. 040.

IMPROVED SCRUB
PLANE.Invoice
No.Price
Each

040	Iron Stock, 9 $\frac{1}{2}$ inches in length, 1 $\frac{1}{4}$ inch cutter	\$1 00
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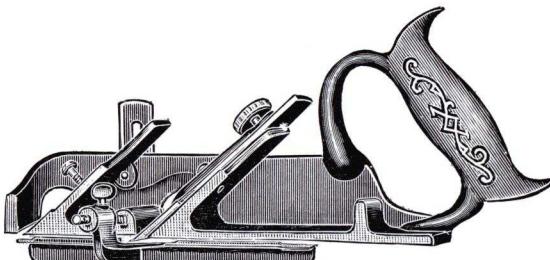
IMPROVED RABBET PLANES.



No. 0190.

Invoice Nos.		Price Each
0180	Iron Stock, 8 inches in length, $1\frac{1}{2}$ inches wide.....	\$1 00
0181	Iron Stock, 8 inches in length, $1\frac{1}{4}$ inches wide	1 00
0182	Iron Stock, 8 inches in length, 1 inch wide.	1 00
0190	Iron Stock, 8 inches in length, $1\frac{1}{2}$ inches wide, with spur.....	1 15
0191	Iron Stock, 8 inches in length, $1\frac{1}{4}$ inches wide, with spur.....	1 15
0192	Iron Stock, 8 inches in length, 1 inch wide, with spur.....	1 15

OHIO RABBET PLANE AND FILLETSTER.



No. 078.

This Plane is fitted with a reversible arm and can be used as either a right or left-hand Filletster. Two seats are provided for the cutter and the plane may be used as a Bull-nose Rabbet by using the forward seat.

Invoice No.		Price Each
078	Iron Stock and Fence, $8\frac{1}{2}$ inches long, $1\frac{1}{2}$ inch cutter	\$1 50

OHIO CAR BEADING PLANE.



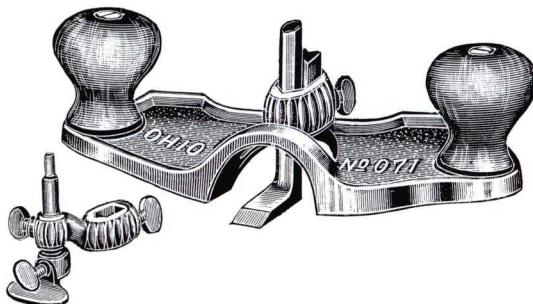
No. 068 Side View.



No. 068.

Invoice No.		Price Each
068	Made from beechwood, with low angle bit and steel face	\$2 50

OHIO ROUTER PLANE.



No. 071.

A very useful tool for the woodworker. Adapted to smooth the bottoms of grooves, panels, etc.

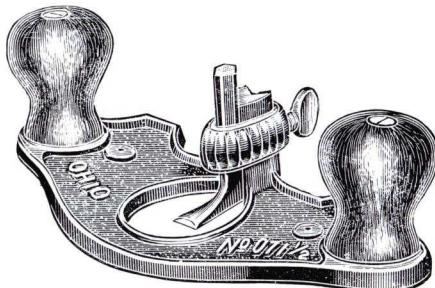
The bits may also be clamped to the back side of the upright post and outside of the stock. In this position they will reach into corners, router out mortises or smooth surfaces hard to reach with other tools.

The small attachment shown in cut is furnished with each plane, and may be substituted for the collar that holds the cutter when the work requires a plane with a closed throat.

Invoice No.	Price Each
071 Nickel Plated Stock, with steel bits each $\frac{1}{4}$ and $\frac{1}{2}$ inch.....	\$1 85

OHIO ROUTER PLANE.

With Closed Throat.

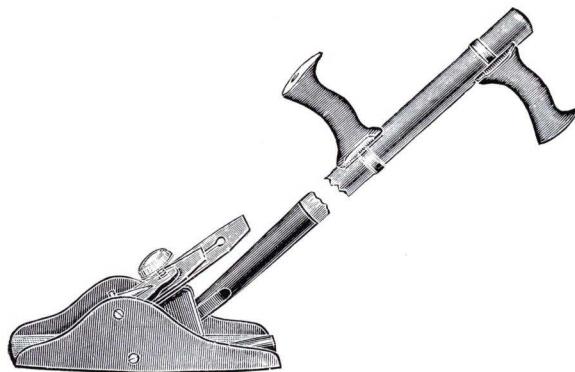


No. 071 1/2.

Invoice No.	Price Each
071 1/2 Nickel Plated Stock, with steel bits each $\frac{1}{4}$ and $\frac{1}{2}$ inch	\$1 50

OHIO FLOOR PLANE.

A Labor Saver. Weight of Plane, about 10 lbs. Full length of Handle, 45 inches.



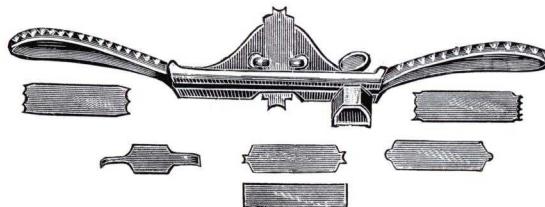
Invoice
No.

No. 074.

Price
Each

074 Floor Plane, 10 $\frac{1}{2}$ inches in length, 2 $\frac{5}{8}$ inch cutter \$4 50

OHIO HAND BEADER.



Invoice
No.

No. 066.

Price
Each

066 Nickel Plated Stock, with seven steel cutters \$1 00

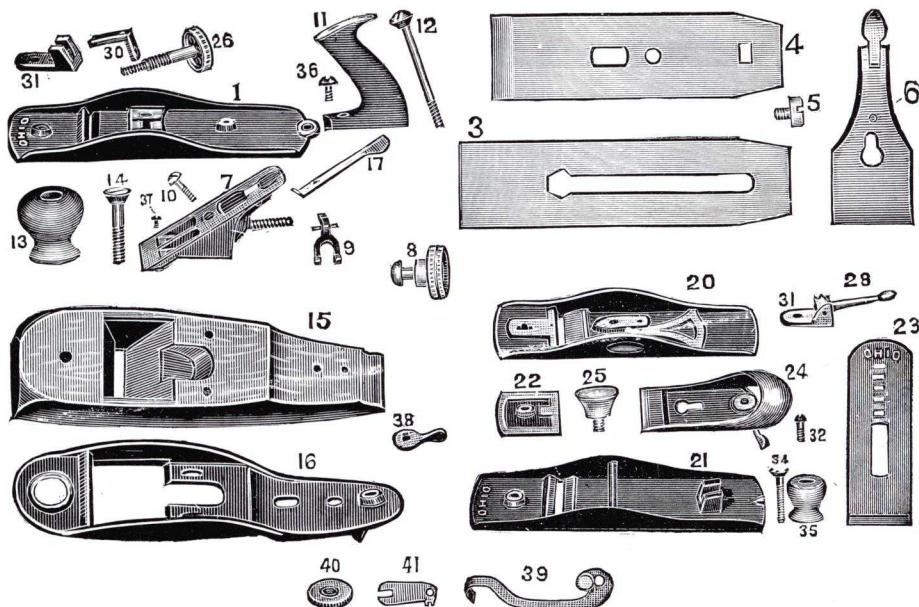
Note. Each tool furnished with seven steel cutters, both ends being sharpened. This will include six ordinary sizes of Beads, four sets of Reeds, two Fluters, and a Double Router Iron ($\frac{1}{8}$ and $\frac{1}{4}$ inch).

CUTTERS.

For Plane No.	0112	012	040	0180	0181	0182	0190	0191	0192	078	071 and C71 $\frac{1}{2}$	074 (Cut Iron)
Per Dozen	\$2.10	\$2.10	\$2.10	\$2.10	\$2.10	\$2.10	\$2.10	\$2.10	\$2.10	\$2.10	\$3.15	\$4.55

PLANE PARTS.

In ordering any part, always specify the number of the Plane for which it is wanted.



PARTS OF ADJUSTABLE IRON AND

WOOD BOTTOM PLANES.

- No. 1 Bottom (Iron Plane).
- 3 Plane Iron.
- 4 Plane Iron Cap.
- 5 Plane Iron Screw.
- 6 Clamp.
- 7 Frog.
- 8 Brass Adjusting Nut.
- 9 "Y" Adjusting Lever.
- 10 Cap Screw.
- 11 Handle.
- 12 Handle Bolt.
- 13 Knob.
- 14 Knob Bolt.
- 15 Bottom (Wood Plane).
- 16 Top Casting (Wood Plane).
- 17 Lateral Adjusting Lever.
- 36 Handle Screw.
- 37 Frog Screw.

PARTS OF BLOCK PLANES.

- No. 20 Bottom (Adjustable Throat).
- 21 Bottom.
- 22 Mouth Piece.
- 23 Plane Iron.
- 24 Clamp.
- 25 Brass Knob.
- 26 Adjusting Screw.
- 28 Adjusting Lever.
- 30 Sliding Lever.
- 31 Adjustable Frog.
- 32 Cap Screw.
- 34 Knob Bolt.
- 35 Wood Knob.
- 38 Throat Adjusting Lever
- 39 Lateral Adjusting Lever.
- 40 Adjusting Nut.
- 41 Longitudinal Adj. Lever.

PARTS FOR PLANES.

In ordering any part, the number of the plane for which the part is wanted should be given.

IRON PLANES.

For Plane No.	Bottom No. 1	Frog Complete No. 7	Cap No. 6	Handle No. 11	Knob No. 13	Handle Bolt No. 12	Adjusting Nut No. 8	Frog Screw No. 37	Cap Screw No. 10
01	\$1.20	\$0.65	\$0.45	\$0.35	\$0.27	\$0.10	\$0.15	\$0.70 doz.	\$0.70 doz.
02 or 02C	1.55	.65	.45	.35	.27	.10	.15	.70 "	.70 "
03 or 03C	1.80	.65	.45	.35	.27	.10	.15	.70 "	.70 "
04 or 04C	1.80	.65	.45	.35	.27	.10	.15	.70 "	.70 "
04 $\frac{1}{4}$ or 04 $\frac{1}{4}$ C	2.00	.65	.45	.35	.27	.10	.15	.70 "	.70 "
04 $\frac{1}{2}$ or 04 $\frac{1}{2}$ C	2.20	.65	.45	.35	.27	.10	.15	.70 "	.70 "
05 or 05C	2.20	.65	.45	.35	.27	.10	.15	.70 "	.70 "
05 $\frac{1}{4}$ or 05 $\frac{1}{4}$ C	2.20	.65	.45	.35	.27	.10	.15	.70 "	.70 "
05 $\frac{1}{2}$ or 05 $\frac{1}{2}$ C	2.20	.65	.45	.35	.27	.10	.15	.70 "	.70 "
05 $\frac{3}{4}$ or 05 $\frac{3}{4}$ C	2.40	.65	.45	.35	.27	.10	.15	.70 "	.70 "
06 or 06C	3.00	.65	.45	.35	.27	.10	.15	.70 "	.70 "
07 or 07C	4.25	.65	.45	.35	.27	.10	.15	.70 "	.70 "
08 or 08C	5.25	.65	.45	.35	.27	.10	.15	.70 "	.70 "
010 or 010C	3.00	.65	.45	.35	.27	.10	.15	.70 "	.70 "
010 $\frac{1}{2}$ or 010 $\frac{1}{2}$ C	2.75	.65	.45	.35	.27	.10	.15	.70 "	.70 "
012	2.20	.65	.45	.65	.....	.....	.15	.70 "	.70 "
0112	2.20	.65	.35	.35	.27	.10	.15	.....	.....
040	1.25	.....	.20	.30	.27	.10	.....	.....	.....

WOOD BOTTOM PLANES.

For Plane No.	Bottom No. 15	Frog Complete No. 7	Cap No. 6	Handle No. 11	Knob No. 13	Handle Bolt No. 12	Adjusting Nut No. 8	Top Casting No. 16	Frog Screw No. 37	Cap Screw No. 10
021	\$0.75	\$0.55	\$0.35	.....	\$0.20	\$0.10	\$0.15	\$0.35	\$0.70 doz.	\$0.70 doz.
022	.75	.55	.35	.....	.20	.10	.15	.35	.70 "	.70 "
023	.75	.55	.35	.....	.20	.10	.15	.35	.70 "	.70 "
024	.75	.55	.35	.....	.20	.10	.15	.35	.70 "	.70 "
025	.75	.55	.35	.....	.20	.10	.15	.35	.70 "	.70 "
026	.90	.55	.35	\$0.20	.20	.10	.15	.35	.70 "	.70 "
027	.90	.55	.35	.20	.20	.10	.15	.35	.70 "	.70 "
027 $\frac{1}{2}$	.90	.55	.35	.20	.20	.10	.15	.35	.70 "	.70 "
028	1.25	.55	.35	.20	.20	.10	.15	.35	.70 "	.70 "
029	1.25	.55	.35	.20	.20	.10	.15	.35	.70 "	.70 "
C30	1.48	.55	.35	.20	.20	.10	.15	.35	.70 "	.70 "
031	1.48	.55	.35	.20	.20	.10	.15	.35	.70 "	.70 "
032	1.55	.55	.35	.20	.20	.10	.15	.35	.70 "	.70 "
033	1.55	.55	.35	.20	.20	.10	.15	.35	.70 "	.70 "
034	1.55	.55	.35	.20	.20	.10	.15	.35	.70 "	.70 "
035	.75	.55	.35	.20	.20	.10	.15	.35	.70 "	.70 "
036	.90	.55	.35	.20	.20	.10	.15	.35	.70 "	.70 "
037	1.25	.55	.35	.20	.20	.10	.15	.35	.70 "	.70 "
0122	.75	.....	.20	.....	.20	.....	.....	.55	.....	.....
0127	.90	.....	.20	.20	.10	.....	.....	.55	.....	.....
0129	1.25	.....	.20	.20	.10	.....	.....	.55	.....	.....
0132	1.55	.....	.20	.20	.10	.....	.....	.55	.....	.....
0135	.75	.....	.20	.20	.10	.....	.....	.55	.....	.....

PARTS FOR PLANES—Continued.

BLOCK PLANES.

For Plane No.	Bottom Nos. 20 and 21	Cap No. 24	Knob Nos. 25 and 35	Adjusting Frog No. 31	Adjusting Lever No. 28 or 41	Mouth Piece No. 22	Throat Adjustment No. 38	Adjusting Screw No. 26	Lateral Adjusting Lever No. 39	Adjusting Nut No. 40
09 $\frac{1}{2}$	\$1.20	\$0.20	\$0.15	.....	\$0.10	\$0.25	\$0.20	.....	\$0.20	\$0.20
09 $\frac{3}{4}$	1.20	.20	.15	.....	.10	.25	.20	.....	.20	.20
015	1.30	.20	.15	.....	.10	.25	.20	.....	.20	.20
015 $\frac{1}{2}$	1.30	.20	.15	.....	.10	.25	.20	.....	.20	.20
016	1.20	.30	.15	.....	.10	.25	.20	.....	.20	.20
017	1.30	.30	.15	.....	.10	.25	.20	.....	.20	.20
018	1.20	.40	.15	.....	.10	.25	.20	.....	.20	.20
019	1.20	.40	.15	.....	.10	.25	.20	.....	.20	.20
060	1.10	.30	.20	\$0.20	.....	.25	.20	\$0.20	.....	.....
065	1.30	.30	.20	.20	.....	.25	.20	.20	.....	.....
060 $\frac{1}{2}$	1.10	.20	.20	.20	.....	.25	.20	.20	.....	.....
065 $\frac{1}{2}$	1.30	.20	.20	.20	.....	.25	.20	.20	.....	.....
0100	.15	.05	.....	.....	.....	.....	.....	.....	.....	.....
0101	.15	.05	.....	.....	.....	.....	.....	.....	.....	.....
0102	.30	.20	.....	.....	.....	.....	.....	.....	.....	.....
0103	.45	.20	.....	.....	.10	.....	.....	.....	.....	.....
0110	.50	.20	.20	.....	.....	.....	.....	.....	.....	.....
0120	.60	.20	.20	.....	.10	.....	.....	.....	.....	.....
0130	.60	.20	.20	.....	.....	.....	.....	.....	.....	.....
0140	1.30	.30	.20	.....	.10	.....	.....	.....	.....	.....
0220	60	.20	.20	.20	.....	.....	.....	.20	.....	.....

CIRCULAR PLANES.

For Plane No.	Bottom	Frog Complete	Cap	Handle	Top Casting	Adjusting Nut	Frog Screw	Cap Screw
020	\$0.65	\$0.40	\$0.25	.....	\$1.60	\$0.08	\$0.40 doz.	\$0.40 doz.
0113	.65	.40	.25	\$0.15	1.10	.08	.40 "	.40 "

IRON RABBET PLANES.

For Plane No.	Bottom	Cap	Depth Gauge	Fence	Spurs and Screws
0180	\$0.75	\$0.10	\$0.20	.....	\$0.60 per doz.
0181	.75	.10	.20	.....	.60 " "
0182	.75	.10	.20	.....	.60 " "
0190	.90	.10	.20	.....	.60 " "
0191	.90	.10	.20	.....	.60 " "
0192	.90	.10	.20	.....	.60 " "
078	1.00	.10	.20	\$0.25	.60 " "

OHIO CABINET SCRAPER.



No. 080.

The thumb screw shown in cut permits the blade to be sprung to a slight curve.

Invoice
No.

080 Raised Handles, 11 inches in length, $2\frac{3}{4}$ inch blade..... \$1 00

Price
Each

OHIO ADJUSTABLE BOX SCRAPER.



No. 070.

Invoice
No.

070 Malleable iron, 2 inch cutter \$6 00

Price per
Doz.

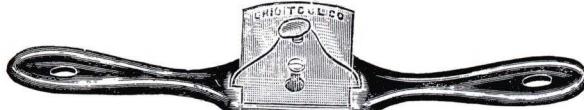
OHIO IRON SPOKE SHAVES.



No. 051.

Invoice
Nos.

051 Double Iron, Raised Handle, 10 inch, $2\frac{1}{8}$ inch cutter \$3 50

Price per
Doz.

No. 052.

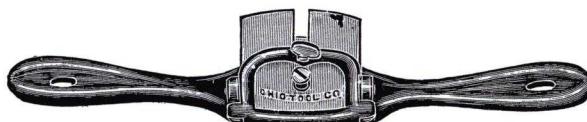
052 Double Iron, Straight Handle, 10 inch, $2\frac{1}{8}$ inch cutter 3 50



No. 053.

053 Adjustable, Raised Handle, 10 inch, $2\frac{1}{8}$ inch cutter..... 4 50

OHIO IRON SPOKE SHAVES—Continued.



No. 054.

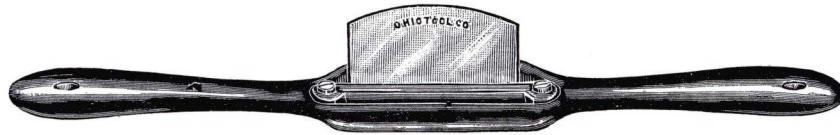
Invoice
Nos.Price
per Dozen

054 Adjustable, Straight Handle, 10 inch, 2½ inch cutter \$4 50



No. 055.

055 Model Double Iron, Hollow Face, 10 inch, 2½ inch cutter 3 00



No. 056.

056 Coopers' Spoke Shave, 18 inch, 2½ inch cutter 7 00
056½ Coopers' Spoke Shave (Heavy), 19 inch, 4 inch cutter 9 00

No. 057.

057 Coopers' Spoke Shave (Light), 18 inch, 2½ inch cutter 4 50



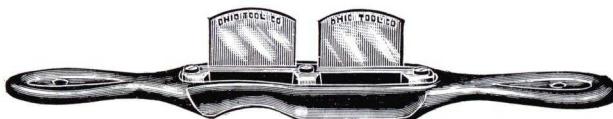
No. 058.

058 Model Double Iron, 10 inch, 2½ inch cutter 3 00

OHIO IRON SPOKE SHAVES—Continued.



No. 059.

Invoice
Nos.Price
per Doz.
\$3 50059 Single Iron, 10 inch, $2\frac{1}{8}$ inch cutter

No. 060.

060 Double Cutter, Hollow and Straight, 10 inch, $1\frac{1}{2}$ inch cutter 4 50

No. 062.

062 Reversible Spoke Shave, Raised Handle, Double Cutter, 10 inch,
 $2\frac{1}{8}$ inch cutter..... 6 00

(This tool can be worked either to or from the user without changing position.)



No. 064.

064 Straight Handle, 9 inch, $1\frac{3}{4}$ inch cutter 2 00

No. 065.

065 Chamfer Spoke Shave, Raised Handle, $9\frac{3}{8}$ inch, $1\frac{1}{2}$ inch cutter 6 00

SPOKE SHAVE CUTTERS.

	Price per Dozen.
For Nos. 051, 052, 053, 054, 055, 057, 058, 059, 062.....	\$0 75
For Nos. 064, 065.....	55
For No. 060 (in pairs).....	1 15
For No. 056.....	1 15
For No. 056 $\frac{1}{2}$	1 50

WOOD BENCH PLANES.

TIMBER. Where kind of timber in our Planes is not stated in this catalogue, beechwood is used.

GRADES. Our regular beechwood Bench Planes are made in two grades of timber, viz:

OHIO or first grade.

SCIOTO or second grade.

IRONS. Exactly the same grade of Plane Iron is used in both Scioto and Ohio Planes.

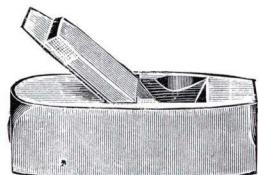
The Steel in all of the Irons or Bits, which are fully warranted, is of a superior quality, and great care is exercised in the making and tempering.

EXTRAS. Wood Bench Planes, with irons wider than our regular, Single, 10 cents; Double, 15 cents, per $\frac{1}{8}$ inch extra (list).

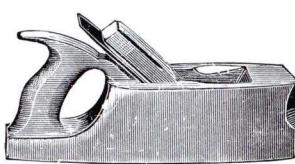
SIZES. We give below the sizes of Irons furnished regularly in our Wood Planes. In ordering, be sure to state the sizes or assortment wanted.

SMOOTH PLANES.

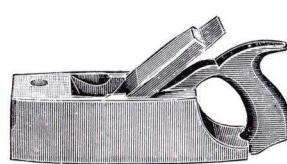
Thirty or thirty-six in a case; SIZES REGULARLY MADE, 2 to $2\frac{1}{4}$ INCH IRONS, except as noted otherwise. Smooth Planes have no handles, except where handle is mentioned.



No. 3.
Invoice
Nos.



No. 5.
Improved Handle for Right Hand.



No. 5 1/4.
Round Handle
Price
Each

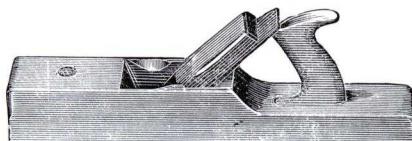
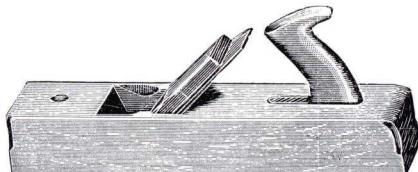
1	Single Iron, Polished Start.....	\$0 70
2	Single Iron, Polished Iron Start.....	80
3	Double Iron, Polished Start.....	90
4	Double Iron, Polished Iron Start.....	1 00
5	Double Iron, Special Solid Handle for Right Hand.....	1 75
5 1/4	Double Iron, Round Solid Handle.....	1 75
5 1/2	Double Iron, Jack Handle.....	1 50
6	Double Iron, Adjustable Mouth.....	1 65
7	Double Iron, Adjustable Mouth, Solid Handle.....	2 70
11 1/4	Double Iron, 1 1/2 inch, Carriage.....	90

For contents, weights and measurements of full cases, see page 79.

WOOD BENCH PLANES—Continued.

JACK PLANES.

All have handle. Thirty or thirty-six in a case: SIZES REGULARLY MADE, 2 TO $2\frac{1}{4}$ INCH IRONS, except as noted otherwise.

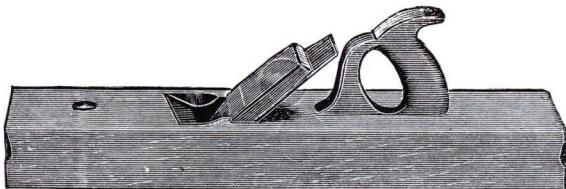


Invoice Nos.	No. 15.	No. 17	Price Each
12	Single Iron, Polished Start		\$0 85
13	Single Iron, Polished Iron Start, Bolted Handle		1 10
14	Single Iron, Polished Start, Razee		1 10
15	Double Iron, Polished Start		1 00
16	Double Iron, Polished Iron Start, Bolted Handle		1 25
17	Double Iron, Polished Start, Razee		1 20

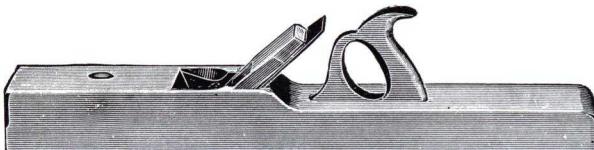
For contents, weights and measurements of full cases, see page 79.

FORE PLANES—22-INCH.

All have handles. Twenty-four or thirty in a case: SIZES REGULARLY MADE, $2\frac{3}{4}$ to $2\frac{5}{8}$ INCH IRONS, except as noted otherwise.



No. 21.



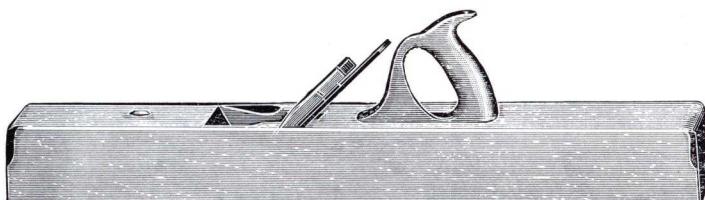
Invoice Nos.	No. 23.	Price Each
18	Single Iron, Polished Start	\$1 40
19	Single Iron, Polished Iron Start, Bolted Handle	1 70
20	Single Iron, Polished Start, Razee	1 70
21	Double Iron, Polished Start	1 70
22	Double Iron, Polished Iron Start, Bolted Handle	2 30
23	Double Iron, Polished Start, Razee	1 90

For contents, weights and measurements of full cases, see page 79.

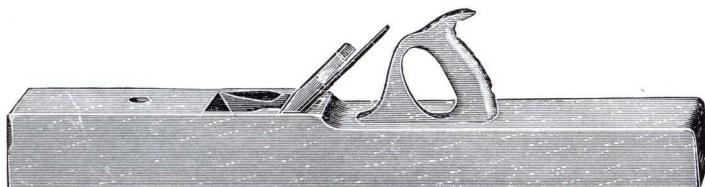
WOOD BENCH PLANES—Continued.

JOINTER PLANES.

All have handles. Twenty in a case: SIZES REGULARLY MADE, $2\frac{1}{2}$ to $2\frac{3}{4}$ INCH IRONS, except as noted otherwise. Specify length wanted.



No. 27.



No. 29.

Invoice Nos.	Length—Inches	26	Price Each. 28	30
24	Single Iron, Polished Start,.....	\$1 50	\$1 60	\$1 80
25	Single Iron, Polished Iron Start, Bolted Handle	1 95	2 05	2 25
26	Single Iron, Polished Start, Razee.....	1 80	1 90	2 10
27	Double Iron, Polished Start.....	1 80	1 90	2 15
28	Double Iron, Polished Iron Start, Bolted Handle.....	2 60	2 75	2 95
29	Double Iron, Polished Start, Razee	2 05	2 15	2 40
29 $\frac{3}{4}$	Tank Jointers, made to order, and prices named upon application.			

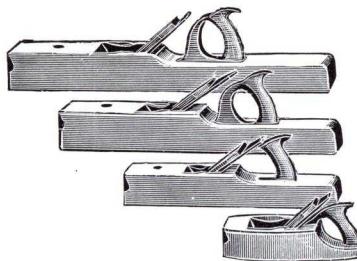
For contents, weights and measurements of full cases, see page 79.

BENCH PLANES, WITHOUT IRONS.

Invoice Nos.	Price Each
11z	Smooth, Single or Double
17z	Jack, Single or Double
23z	Fore, Single or Double
29z	Jointer, Single or Double, 26 inch
29z	Jointer, Single or Double, 28 inch
29z	Jointer, Single or Double, 30 inch.....

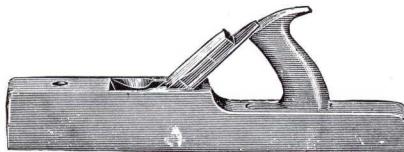
WOOD BENCH PLANES—Continued.

RAZEE OR RECESS HANDLE PLANES.



Invoice Nos.		Price Each
14	Jack, Single Iron, Polished Start	\$1 10
20	Fore, Single Iron, Polished Start.....	1 70
26	Jointer, 26 inch, Single Iron, Polished Start	1 80
26	Jointer, 28 inch, Single Iron, Polished Start.....	1 90
26	Jointer, 30 inch, Single Iron, Polished Start.....	2 10
5	Smooth, Double Iron, Special Solid Handle for Right Hand.....	1 75
5 $\frac{1}{4}$	Smooth, Double Iron, Round Solid Handle.....	1 75
5 $\frac{1}{2}$	Smooth, Double Iron, Jack Handle.....	1 50
7	Smooth, Double Iron, Solid Handle, Adjustable Mouth.....	2 70
17	Jack, Double Iron, Polished Start	1 20
23	Fore, Double Iron, Polished Start.....	1 90
29	Jointer, Double Iron, 26 inch, Polished Start	2 05
29	Jointer, Double Iron, 28 inch, Polished Start	2 15
29	Jointer, Double Iron, 30 inch, Polished Start.....	2 40

SHIP PLANES, DOUBLE IRON.



Invoice Nos.	No. 17s.	Price Each
11s	Smooth, Polished Start	\$1 00
17s	Jack, Razee, Polished Start	1 20
23s	Fore, Razee, Polished Start.....	1 90
29s	Jointer, 26 inch, Razee, Polished Start.....	2 10

Ship Hollows and Rounds, Hawk and Oar Planes made to order. Prices quoted on application.

TOY PLANES.

Single Iron, $1\frac{1}{2}$ inch.



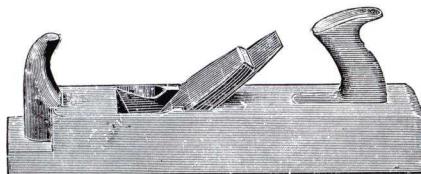
Invoice Nos.	No. 2c.	No. 14c.	Price Each
2c	Smooth.....		\$0 65
14c	Jack		75

Toy Planes with Double Irons to order. Prices on application.

WOOD BENCH PLANES—Continued.

GERMAN PATTERN PLANES.

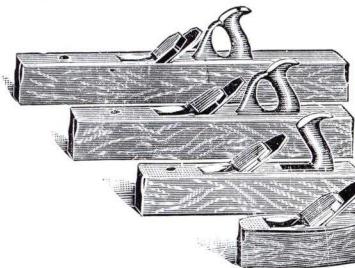
These are furnished with either square or round end irons. Square end irons sent unless otherwise ordered.



No. 14g.

Invoice Nos.	SINGLE IRON.	Price Each
2g	Smooth, with Horn.....	\$1 20
14g	Jack, with Horn and Handle	1 40
	DOUBLE IRON.	
11g	Smooth, with Horn.....	1 25
17g	Jack, with Horn and Handle	1 45

PREMIUM BENCH PLANES.



Selected Timber, with Polished Start.

Invoice Nos.	SINGLE IRON.	Price Each
1 $\frac{1}{2}$	Smooth.....	\$0 90
12 $\frac{1}{2}$	Jack	1 00
18 $\frac{1}{2}$	Fore	1 55
24 $\frac{1}{2}$	Jointer, 26 inch	1 70
24 $\frac{1}{2}$	Jointer, 28 inch	1 80
24 $\frac{1}{2}$	Jointer, 30 inch	2 10
	DOUBLE IRON.	
3 $\frac{1}{2}$	Smooth	\$1 00
15 $\frac{1}{2}$	Jack	1 10
21 $\frac{1}{2}$	Fore	1 90
27 $\frac{1}{2}$	Jointer, 26 inch	2 05
27 $\frac{1}{2}$	Jointer, 28 inch	2 15
27 $\frac{1}{2}$	Jointer, 30 inch	2 35

WOOD BENCH PLANES—Continued.

No. A DOUBLE EXTRA PLANES.

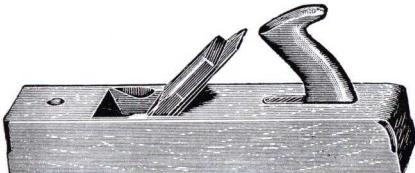
Polished; with Polished Start; Selected Timber.

Invoice Nos.	SINGLE IRON.	Price Each
2 $\frac{1}{4}$	Smooth.....	\$1 35
13 $\frac{1}{4}$	Jack, Bolted Handle.....	1 60
19 $\frac{1}{4}$	Fore, Bolted Handle.....	2 00
26 $\frac{1}{4}$	Jointer, 26 inch, Bolted Handle.....	2 35

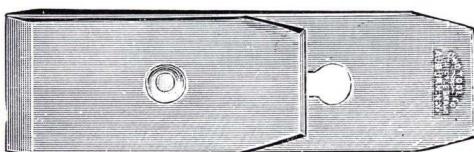
DOUBLE IRON.		
4 $\frac{1}{2}$	Smooth.....	1 50
16 $\frac{1}{2}$	Jack, Bolted Handle.....	1 85
22 $\frac{1}{2}$	Fore, Bolted Handle.....	2 25
28 $\frac{1}{2}$	Jointer, 26 inch, Bolted Handle.....	2 60

EUREKA BENCH PLANES.

With Double Irons Brass Nutted. Sharpened, Ready for Use. Carefully Made from Selected Timber.



No. 702.



Iron, with Brass Nut, in Eureka Planes.

Invoice Nos.	SPECIFY SIZE OF IRON WANTED.	Price Each
700	Smooth, 2 to 2 $\frac{1}{4}$ inch Iron.....	\$0 90
702	Jack, 16 inch, 2 to 2 $\frac{1}{4}$ inch Iron.....	1 00
704	Fore, 22 inch, 2 $\frac{3}{4}$ to 2 $\frac{5}{8}$ inch Iron.....	1 70
706	Jointer, 26 inch, 2 $\frac{1}{2}$ to 2 $\frac{3}{4}$ inch Iron.....	1 80
708	Jointer, 28 inch, 2 $\frac{1}{2}$ to 2 $\frac{3}{4}$ inch Iron.....	1 90
710	Jointer, 30 inch, 2 $\frac{1}{2}$ to 2 $\frac{3}{4}$ inch Iron.....	2 15

APPLEWOOD BENCH PLANES.

Finely Made, with Polished Starts.

Invoice Nos.	SINGLE IRON.	Price Each
2 $\frac{3}{4}$	Smooth.....	\$1 30
14 $\frac{1}{2}$	Jack	1 50
20 $\frac{1}{2}$	Fore	2 10
24 $\frac{3}{4}$	Jointer, 26 inch	2 60

DOUBLE IRON.		
7 $\frac{1}{2}$	Smooth.....	1 50
7 $\frac{1}{2}$	Smooth with Solid Handle.....	2 25
17 $\frac{1}{4}$	Jack	1 75
23 $\frac{1}{4}$	Fore	2 40
29 $\frac{1}{2}$	Jointer, 26 inch.....	3 25

WOOD BENCH PLANES—Continued.

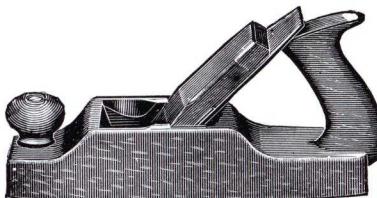
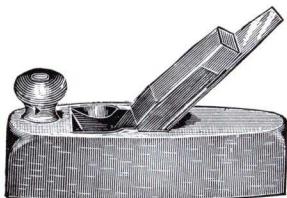
BOXWOOD AND ROSEWOOD BENCH PLANES.

Invoice Nos.	DOUBLE IRON.	Price Each
8	Smooth, Boxwood	\$2 50
9	Smooth, Rosewood	2 50
10	Smooth, Boxwood, Solid Handle.....	5 00
11	Smooth, Rosewood, Solid Handle.....	5 00

Prices on Jack, Fore and Jointer Planes quoted on application.

IMPROVED WOOD PLANES.

Carefully made, faced, finely varnished with pure shellac varnish, and put in perfect working order before leaving the factory. The Wooden Wedge, nicely fitted, which many mechanics prefer to the Iron Holder, is used. They occupy a position in price between the iron and cheap wood Planes, and are in many respects very desirable. *The Bits are fully warranted, nicely blued at the upper end, whetted and tested. Packed one each in a paper box.*



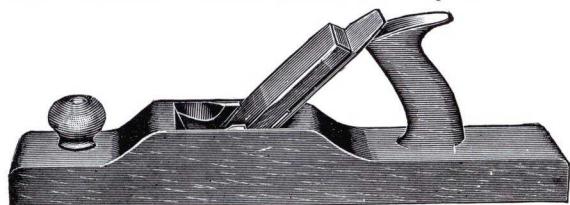
Invoice
Nos.

No. 280.

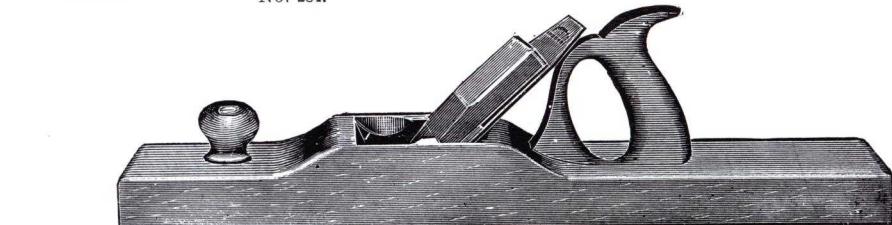
No. 282.

Price
Each

280	Smooth Plane, without Handle, 8 inches in length, 2 inch cutter..	\$1 50
281	Smooth Plane, without Handle, 8 inches in length, $2\frac{1}{8}$ inch cutter..	1 60
282	Smooth Plane, with Handle, $10\frac{1}{4}$ inches in length, 2 inch cutter..	1 90
283	Smooth Plane, with Handle, $10\frac{1}{4}$ inches in length, $2\frac{1}{8}$ inch cutter..	2 00



No. 284.



No. 286.

Price
Each

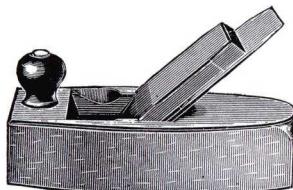
284	Jack Plane, 16 inches in length, $2\frac{1}{8}$ inch cutter.....	\$1 80
286	Fore Plane, 22 inches in length, $2\frac{3}{8}$ inch cutter.....	2 65
288	Jointer Plane, 26 inches in length, $2\frac{1}{2}$ inch cutter.....	3 00
290	Jointer Plane, 28 inches in length, $2\frac{1}{2}$ inch cutter.....	3 15

For contents, weights and measurements of full cases, see page 79.

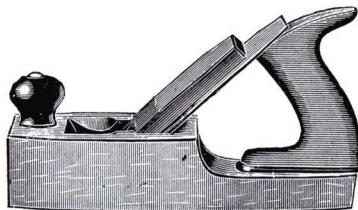
WOOD BENCH PLANES.—Continued.

UNXLD WOOD PLANES.

Faced, Wedges nicely fitted, finely varnished, all polished Bits, sharpened, ebonized Knobs. In perfect working order before leaving factory. Packed one each in a paper box.



No. 300

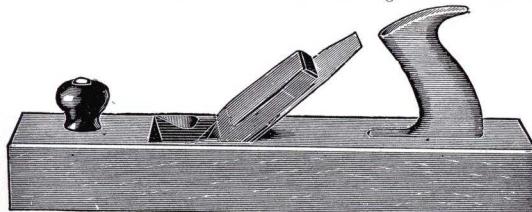


No. 304

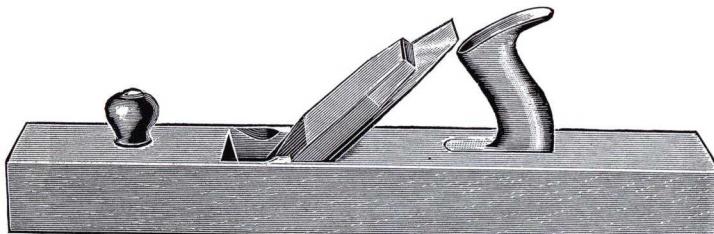
Invoice
Nos.

Price
Each

300	Smooth Plane, without Handle, 8 inches in length, 2 inch cutter.....	\$1 50
301	Smooth Plane, without Handle, 8 inches in length, 2 $\frac{1}{8}$ inch cutter.....	1 60
302	Smooth Plane, without Handle, 8 inches in length, 2 $\frac{1}{4}$ inch cutter.....	1 70
304	Smooth Plane, with Handle, 9 $\frac{5}{8}$ inches in length, 2 inch cutter.....	1 90
305	Smooth Plane, with Handle, 9 $\frac{5}{8}$ inches in length, 2 $\frac{1}{8}$ inch cutter.....	2 00
306	Smooth Plane, with Handle, 9 $\frac{5}{8}$ inches in length, 2 $\frac{1}{4}$ inch cutter.....	2 10



No. 308.



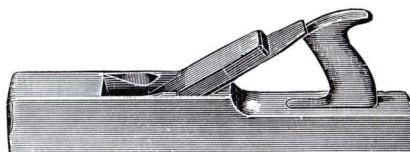
No. 311.

Invoice
Nos.

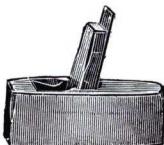
Price
Each

308	Jack Plane, 15 inches in length, 2 $\frac{1}{8}$ inch cutter	\$1 80
309	Jack Plane, 15 inches in length, 2 $\frac{1}{4}$ inch cutter.....	1 90
311	Fore Plane, 20 inches in length, 2 $\frac{5}{8}$ inch cutter.....	2 65
312	Fore Plane, 20 inches in length, 2 $\frac{1}{2}$ inch cutter.....	2 80
314	Jointer Plane, 26 inches in length, 2 $\frac{1}{2}$ inch cutter	3 00
315	Jointer Plane, 26 inches in length, 2 $\frac{5}{8}$ inch cutter	3 15
317	Jointer Plane, 28 inches in length, 2 $\frac{1}{2}$ inch cutter	3 15
318	Jointer Plane, 28 inches in length, 2 $\frac{5}{8}$ inch cutter	3 30
320	Jointer Plane, 30 inches in length, 2 $\frac{1}{2}$ inch cutter	3 55
321	Jointer Plane, 30 inches in length 2 $\frac{5}{8}$ inch cutter	3 70

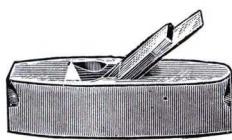
MISCELLANEOUS WOOD PLANES.



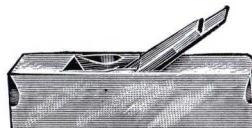
No. 29e.



No. 30.



No. 31.



No. 31a.

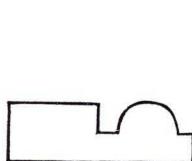
Invoice Nos.	DOUBLE IRON.	Price Each
29a	Jack Rabbet, 2 inch Iron	\$2 50
29b	Jack Rabbet, Razee, 2 inch Iron	2 75

SINGLE IRON, EXCEPT WHERE NOTED OTHERWISE.

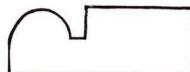
29c	Box Makers' Plane, Smooth Shape, 11 inches long	\$1 00
29d	Box Makers' Plane, Jack Shape	1 10
29e	Box Makers' Plane, Jack Shape, Razee	1 35
29f	Box Makers' Plane, Jack Shape, Razee, Double Iron	1 75
30	Tooth Plane	1 00
30 ¹ ₄	Tooth Plane, Applewood	1 40
30 ¹ ₂	Hand Rail Plane, to make Round	1 00
30 ³ ₄	Hand Rail Plane, to make Ogee	1 00
31	Mitre Plane, Smooth Shape, Single Iron	75
31 ¹ ₄	Mitre Plane, Smooth Shape, Double Iron	1 00
31 ³ ₄	Mitre Plane, Square Shape, Double Iron	1 00
31a	Mitre Plane, Square Shape, Single Iron	75
31b	Mitre Plane, Rosewood or Cocobolo, Single Iron. Price on application.	
31c	Mitre Plane, English Single Iron. Price on application.	
31 ¹ ₂	Spar Plane	1 00
32	Gutter Plane	1 25
32 ¹ ₂	Pump Plane	2 25
33	Pump Plane, with Handle	2 75
34	Circular, Single	1 00
35	Circular, Double	1 25
35 ¹ ₄	Large Mitre Plane, 2 Irons, 3 ¹ ₂ inch, for Picture Frames	10 00
35 ¹ ₂	Large Mitre Plane, 2 Irons, 3 ¹ ₂ inch, with Box, for Picture Frames ..	14 00
35 ³ ₄	Carriage Makers' T Rabbet Plane	1 20

N. B.—Miscellaneous Planes, with Irons wider than our regular: Single, 10 cents; Double, 15 cents, per $\frac{1}{8}$ inch extra (list)

MOULDING AND FANCY WOOD PLANES.

Moulding made by
No. 36.

No. 37.

Bead made by either
Nos. 37, 38 or 39.

Invoice Nos.		Price Each
36	Astragals, $\frac{1}{4}$ to 1 inch	\$0 55
	$1\frac{1}{8}$ to $1\frac{1}{4}$ inch	65
	$1\frac{3}{8}$ to $1\frac{1}{2}$ inch	75
37	Side Beads, Single Boxed, $\frac{1}{8}$ to $\frac{1}{2}$ inch	50
	$\frac{5}{8}$ to $\frac{3}{4}$ inch	55
	$\frac{7}{8}$ to 1 inch	70
	$1\frac{1}{4}$ inch	90
	$1\frac{1}{2}$ inch	1 00
38	Side Beads, Double Boxed, $\frac{1}{8}$ to $\frac{1}{2}$ inch	60
	$\frac{5}{8}$ to $\frac{3}{4}$ inch	65
	$\frac{7}{8}$ to 1 inch	80
	$1\frac{1}{4}$ inch	1 00
	$1\frac{1}{2}$ inch	1 10
39	Side Beads, Solid Boxed, Dovetailed, $\frac{1}{8}$ to $\frac{5}{16}$ inch	70
	$\frac{3}{8}$ to $\frac{1}{2}$ inch	80
	$\frac{5}{8}$ to $\frac{3}{4}$ inch	90
	$\frac{7}{8}$ to 1 inch	1 00

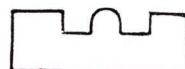
Double or Twin Beads made to order. Prices quoted upon application.



Moulding made by No. 40.



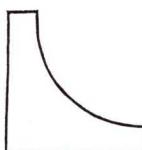
No. 41.

Bead made by
No. 41 or 42

Invoice Nos.		Price Each
40	Base Plane, with Handle, 2 to $2\frac{1}{2}$ inch	\$2 50
	$2\frac{3}{4}$ to 3 inch	3 00
41	Centre Beads, Double boxed, $\frac{1}{8}$ to $\frac{1}{2}$ inch	60
	$\frac{5}{8}$ to $\frac{3}{4}$ inch	65
	$\frac{7}{8}$ to 1 inch	80
42	Centre Beads, Solid Boxed, Dovetailed, $\frac{1}{8}$ to $\frac{3}{8}$ inch	75
	$\frac{1}{2}$ to $\frac{3}{4}$ inch	90

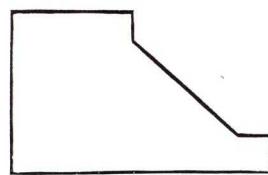
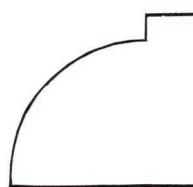
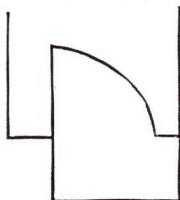
42 $\frac{1}{2}$ Torus Bead, made to order. Prices quoted upon application.

MOULDING AND FANCY WOOD PLANES—Continued.

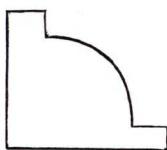


Invoice Nos.	Moulding made by No. 43.	No. 43½.	Price Each
43	Cove Plane, $\frac{1}{2}$ to $\frac{3}{4}$ inch .		\$0 50
	$\frac{7}{8}$ to 1 inch .		65
	$1\frac{1}{4}$ inch .		75
43½	Casing Moulding Plane, with Fence, $\frac{1}{2}$ to $\frac{3}{4}$ inch .		80
	$\frac{7}{8}$ to 1 inch .		90
	$1\frac{1}{4}$ inch .		1 00

No. 43½ is a new style Plane; the upper part of the cut represents the Plane. Works more easily than the old style.



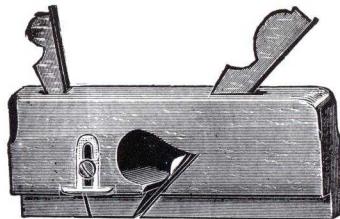
Invoice Nos.	Moulding made by No. 43.	Moulding made by No. 43½.	No. 43½.	Price Each
43½	Casing Moulding Plane, $\frac{1}{2}$ to $\frac{3}{4}$ inch .			\$0 80
	$\frac{7}{8}$ to 1 inch .			90
	$1\frac{1}{4}$ inch .			1 00
43½	P. G. Moulding Plane, $\frac{1}{2}$ to $\frac{3}{4}$ inch .			80
	$\frac{7}{8}$ to 1 inch .			90
	$1\frac{1}{4}$ inch .			1 00



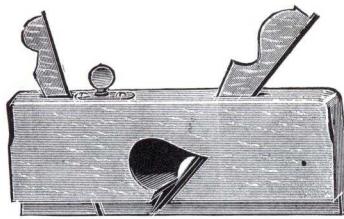
Invoice Nos.	Moulding made by No. 43.	No. 43½.	Moulding made by No. 44.	Price Each
43½	Quarter Round or Scotia, $\frac{1}{4}$ to $\frac{5}{8}$ inch .			\$0 50
	$\frac{3}{4}$ to 1 inch .			65
	$1\frac{1}{4}$ inch .			75
44	Cove and bead, $\frac{1}{2}$ to $\frac{3}{4}$ inch .			1 25
	$\frac{7}{8}$ to 1 inch .			1 50
	$1\frac{1}{4}$ inch .			1 75

MOULDING AND FANCY WOOD PLANES—Continued.

DADOS.



No. 47.



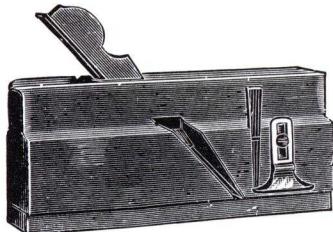
No. 48.

Invoice Nos.		Price Each
47	Dados, Side Stop, $\frac{1}{4}$ to 1 inch	\$1 10
47 $\frac{1}{2}$	Dados, Side Stop, Solid Handle, $\frac{1}{4}$ to 1 inch.....	2 50
48	Dados, Screw Stop, $\frac{1}{4}$ to 1 inch.....	1 50

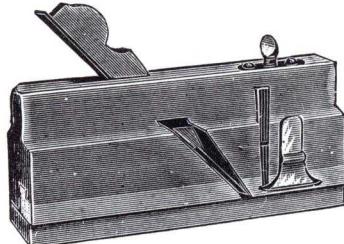
CABINET MAKERS' AND CORNICE OGEES.

Invoice Nos.		Price Per Inch
49	Cabinet Makers' Ogee, from 2 to 4 inches	\$1 00
50	Cornice Ogee, from 2 to 5 inches.....	1 00

FILLETSTERS.



No. 53.

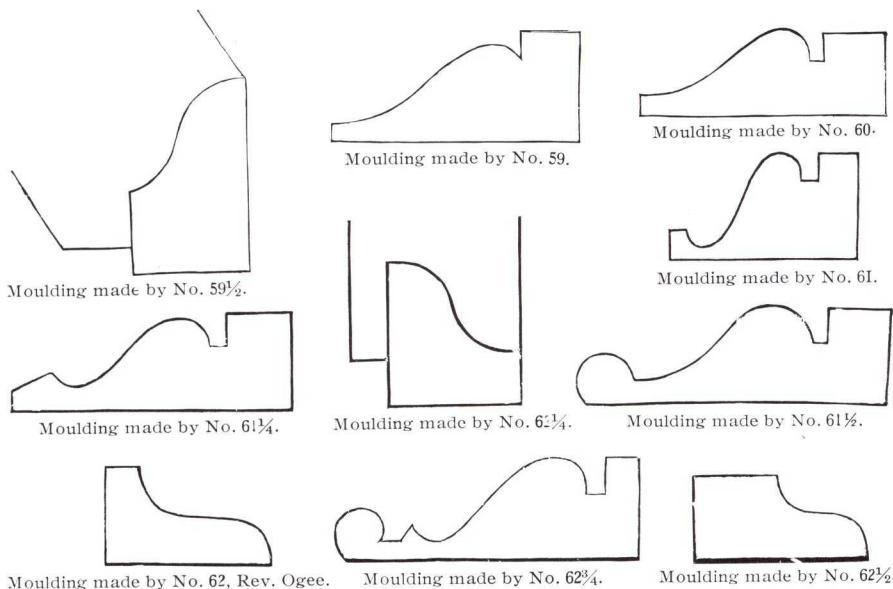


No. 55.

Invoice Nos.		Price Each
51	Plain.....	\$1 10
51 $\frac{1}{2}$	With Stop	1 25
52	With Cutter	1 25
53	With Cutter, Side Stop.....	1 40
53 $\frac{1}{2}$	With Cutter, Side Stop, Single Boxed.....	1 55
54	With Cutter, Side Stop, Solid Boxed.....	1 85
55	With Cutter, Screw Stop, Boxed.....	2 50
56	With Cutter, Screw Stop, Boxed, Boxwood Fence.....	3 00
56 $\frac{1}{2}$	With Cutter, Screw Stop, Boxed with Handle.....	3 75
57	With Cutter, Screw Stop, Screw Arms, Boxed.....	4 00
58	With Cutter, Screw Stop, Screw Arms, Boxed, with Handle.....	4 75
58 $\frac{1}{2}$	Back Filletster	3 50

MOULDING AND FANCY WOOD PLANES—Continued.

OGEES.



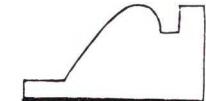
Invoice Nos.		Price Each
59	Common Ogee, $\frac{3}{8}$ to 1 inch.....	\$ 0 65
	1 $\frac{1}{4}$ to 1 $\frac{1}{2}$ inch.....	85
	1 $\frac{3}{4}$ to 2 inch.....	1 00
59½	Roman Ogee, with Fence to work on Edge of Board, $\frac{3}{8}$ to $\frac{1}{2}$ inch.....	75
	$\frac{5}{8}$ to 1 inch	85
60	Grecian Ogee, $\frac{1}{2}$ to 1 inch.....	75
	1 $\frac{1}{4}$ to 1 $\frac{1}{2}$ inch	90
	1 $\frac{3}{4}$ to 2 inch	1 10
61	Grecian Ogee, with Fillet, $\frac{1}{2}$ to 1 inch.....	90
	1 $\frac{1}{4}$ to 1 $\frac{1}{2}$ inch	1 05
	1 $\frac{3}{4}$ to 2 inch	1 25
61½	Grecian Ogee, with Bevel, $\frac{1}{2}$ to 1 inch	90
	1 $\frac{1}{4}$ to 1 $\frac{1}{2}$ inch	1 05
	1 $\frac{3}{4}$ to 2 inch	1 25
61½	Grecian Ogee, with Bead, $\frac{1}{2}$ to 1 inch	90
	1 $\frac{1}{4}$ to 1 $\frac{1}{2}$ inch	1 05
	1 $\frac{3}{4}$ to 2 inch	1 25
62	Reverse Ogee, $\frac{3}{8}$ to 1 inch	75
	1 $\frac{1}{4}$ to 1 $\frac{1}{2}$ inch	85
	1 $\frac{3}{4}$ to 2 inch	1 00
	2 $\frac{1}{4}$ to 2 $\frac{1}{2}$ inch	1 25

MOULDING AND FANCY WOOD PLANES—Continued.

For cuts Nos. 62 $\frac{1}{4}$, 62 $\frac{1}{2}$ and 62 $\frac{3}{4}$, see page 34.

Invoice Nos.		Price Each
62 $\frac{1}{4}$	Roman Reverse Ogee, with Fence, $\frac{3}{8}$ to $\frac{5}{8}$ inch.....	\$0 80
	$\frac{3}{4}$ to 1 inch	90
	$1\frac{1}{4}$ inch.....	1 05
	$1\frac{1}{2}$ inch.....	1 20
No. 62 $\frac{1}{4}$	is a new style of plane. The upper part of the cut represents the Plane. It is easier to work than the old style.	
62 $\frac{1}{2}$	Roman Reverse Ogee, $\frac{3}{8}$ to $\frac{5}{8}$ inch.....	75
	$\frac{3}{4}$ to 1 inch	85
	$1\frac{1}{4}$ inch.....	1 00
	$1\frac{1}{2}$ to $1\frac{3}{4}$ inch	1 15
62 $\frac{3}{4}$	G. O. G., Quirk and Bead, made to order. Prices quoted on application.	

OVOLOS.



Moulding made by No. 63.



Moulding made by No. 66.



Moulding made by No. 64.



Moulding made by No. 65.

Invoice Nos.		Price Each
63	Grecian Ovolo, $\frac{1}{2}$ to 1 inch	\$0 75
	$1\frac{1}{4}$ to $1\frac{1}{2}$ inch	90
	$1\frac{3}{4}$ to 2 inch	1 10
	$2\frac{1}{4}$ to $2\frac{1}{2}$ inch	1 50
64	Grecian Ovolo and Fillet, $\frac{3}{4}$ to 1 inch	1 00
	$1\frac{1}{4}$ to $1\frac{1}{2}$ inch	1 10
	$1\frac{3}{4}$ to 2 inch	1 25
65	Grecian Ovolo and Bead, $\frac{3}{4}$ to 1 inch	1 00
	$1\frac{1}{4}$ to $1\frac{1}{2}$ inch	1 10
	$1\frac{3}{4}$ to 2 inch	1 25
65 $\frac{1}{2}$	Grecian Ovolo, with Bevel, $\frac{3}{4}$ to 1 inch	1 00
	$1\frac{1}{4}$ to $1\frac{1}{2}$ inch	1 10
	$1\frac{3}{4}$ to 2 inch	1 25

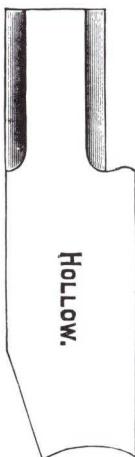
For Ogees and Ovolos made with Fixed Handles, add 50 cents each, list.

66	Gothic Bead, with one Iron.....	1 00
66 $\frac{1}{2}$	Gothic Bead, with two Irons, Boxed.....	1 25

HALVING PLANES.

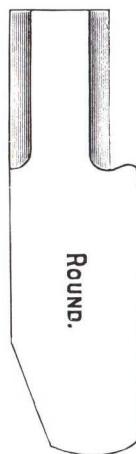
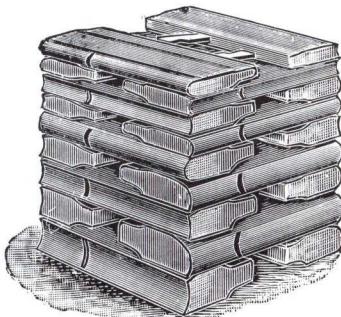
Made to order. Prices quoted on application.

MOULDING AND FANCY WOOD PLANES—Continued.



HOLLOW.

HOLLOWES AND ROUNDS.



ROUND.

1 Set No. 72, Nos. 1 to 9.

Invoice Nos.		Price
72	Set of 9 pairs, Nos. 1 to 9, per set.....	\$ 9 45
	1 to 6, per pair.....	1 00
	7 to 9, ".....	1 15
73	Nos. 10, 11 and 12, per pair	1 35
	Nos. 13, 1 $\frac{3}{4}$ inch; 14, 1 $\frac{7}{8}$ inch; 15, 2 inch, per pair	1 75
72 $\frac{1}{2}$	Skewed Irons, set of 9 pairs, Nos. 1 to 9, per set.....	11 75
	1 to 6, per pair.....	1 20
	7 to 9, ".....	1 55
73 $\frac{1}{2}$	Skewed Irons, Nos. 10, 11 and 12, per pair.....	1 75
	Nos. 13, 14 and 15, per pair.....	2 00

In ordering separate Planes, please state plainly whether the Hollow or Round Plane is wanted. The Round Plane cuts the hollow, and vice versa; see illustrations above.

SIZES OF CIRCLES WORKED BY HOLLOWES AND ROUNDS.

OHIO PATTERN.

	Size No.	1	2	3	4	5	6	7	8
Width of Iron, inches.....		$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$
Size circle worked, inches.....		$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$
	Size No.	9	10	11	12	13	14	15	
Width of Iron, inches.....		$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	
Size circle worked, inches.....		$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4	

AUBURN PATTERN.

Width of Iron, inches.....	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
Size circle worked, inches	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{3}{8}$	$1\frac{1}{4}$
Width of Iron, inches.....				1	$1\frac{1}{4}$	$1\frac{1}{2}$
Size circle worked, inches	2	$2\frac{3}{8}$	$2\frac{3}{4}$	$3\frac{1}{4}$	$3\frac{3}{4}$	$4\frac{1}{2}$

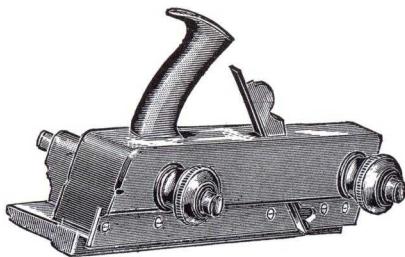
Give Pattern and Width of Iron wanted, in order. Smaller, intermediate and larger sizes can be furnished and prices quoted on application.

MOULDING AND FANCY WOOD PLANES—Continued.

MATCH PLANES IN PAIRS.



One Pair, No. 75.



Half Pair, No. 82.

Invoice Nos.	Price Per Pair
75 Board, Twin or Separate, $\frac{3}{8}$ to 1 inch.....	\$1 50
75 $\frac{1}{4}$ Board, Separate, $1\frac{1}{4}$ and $1\frac{1}{2}$ inch.....	2 00
75 $\frac{1}{2}$ Board, Twin or Separate, to order, $\frac{1}{4}$ inch.....	3 50
76 Board, Twin or Separate, plated, $\frac{3}{8}$ to 1 inch.....	1 75
76 $\frac{1}{4}$ Board, Separate, plated, $1\frac{1}{4}$ and $1\frac{1}{2}$ inch.....	2 25
76 $\frac{1}{2}$ Board, Twin or Separate, plated, to order, $\frac{1}{4}$ inch	4 25
77 Board, with Solid Handles, $\frac{1}{2}$ to 1 inch.....	2 25
77 $\frac{1}{2}$ Board, with Solid Handles, $1\frac{1}{4}$ and $1\frac{1}{2}$ inch.....	2 75
78 Board, with Solid Handles, plated, $\frac{1}{2}$ to 1 inch.....	2 50
78 $\frac{1}{2}$ Board, with Solid Handles, plated, $1\frac{1}{4}$ and $1\frac{1}{2}$ inch.....	3 00
79 Plank, $1\frac{1}{4}$ to $1\frac{1}{2}$ inch.....	2 25
80 Plank, plated, $1\frac{1}{4}$ to $1\frac{1}{2}$ inch.....	2 50
81 Plank, boxed, $1\frac{1}{4}$ to $1\frac{1}{2}$ inch.....	2 50
82 Plank, with Screw Arms.....	3 75
83 Plank, with Screw Arms and boxed.....	4 25
84 Plank, with Screw Arms and plated.....	4 00
84 $\frac{1}{2}$ Plank, with Screw Arms, plated and boxed.....	4 50
85 Plank, with Screw Arms and full plated.....	4 75

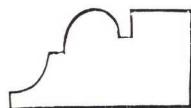
In ordering separate Planes, please state whether the Grooving or Tongueing part is wanted. The Tongueing Plane cuts the tongue and the Grooving Plane plows the groove,

MATCH PLANE ARMS.

86 Applewood, complete.....	\$1 00
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MOULDING AND FANCY WOOD PLANES—Continued.

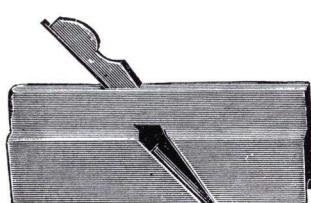
NOSING MOULDING PLANES.



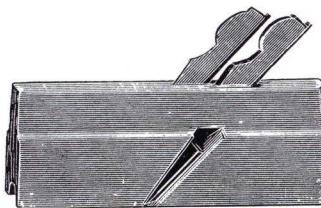
Moulding made by No. 89.

Invoice No.		Price Each
89	Nosing Moulding, $\frac{1}{2}$ to $\frac{5}{8}$ inch.....	\$0 80
	$\frac{3}{4}$ to $\frac{7}{8}$ inch.....	90
	1 to $1\frac{1}{4}$ inch.....	1 00

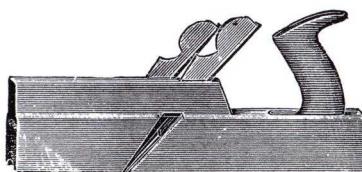
NOSING STEP PLANES.



No. 90.



No. 91.



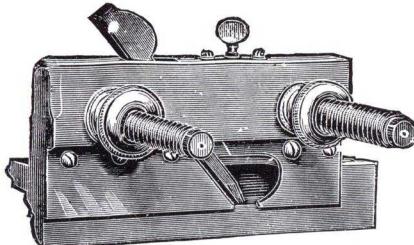
No. 92.

Invoice No.		Price Each
90	Nosing Step, one Iron, $\frac{3}{4}$ to $1\frac{1}{4}$ inch.....	\$0 80
	$1\frac{3}{8}$ to $1\frac{1}{2}$ inch.....	1 00
	$1\frac{3}{4}$ to 2 inch.....	1 25
90 $\frac{1}{2}$	Nosing Step, one Iron, with Handle, $\frac{3}{4}$ to $1\frac{1}{4}$ inch.....	1 10
	$1\frac{3}{8}$ to $1\frac{1}{2}$ inch.....	1 20
	$1\frac{3}{4}$ to 2 inch.....	1 50
91	Nosing Step, two Irons, $\frac{3}{4}$ to $1\frac{1}{4}$ inch.....	1 10
	$1\frac{3}{8}$ to $1\frac{1}{2}$ inch.....	1 20
	$1\frac{3}{4}$ to 2 inch.....	1 50
92	Nosing Step, two Irons, with Handle, $\frac{3}{4}$ to $1\frac{1}{4}$ inch.....	1 50
	$1\frac{3}{8}$ to $1\frac{1}{2}$ inch.....	1 75
	$1\frac{3}{4}$ to 2 inch.....	2 00

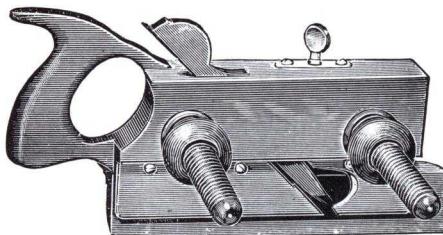
MOULDING AND FANCY WOOD PLANES—Continued.

PANEL PLOWS.

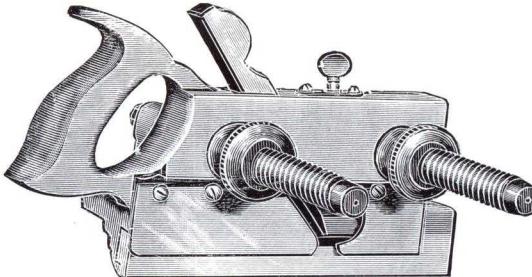
Do not have handles, except where so described. Handled Plows made with Improved or Round Handles. State which is wanted, if any choice.



No. 95



No. 101. Round Handle.



No. 101. Improved Handle for Right Hand.

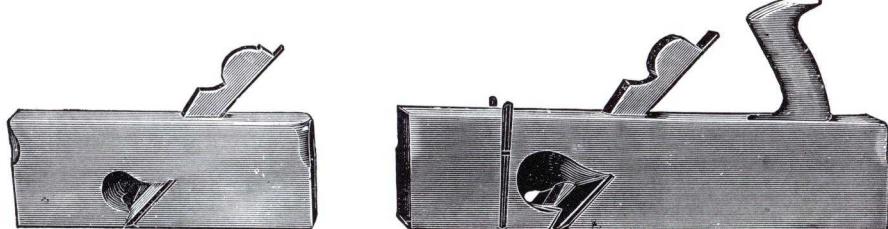
Invoice Nos.	Price Each
94 Beech, 4 Irons, Wood Stop.....	\$ 4 00
94½ Beech, 8 Irons, Wood Stop.....	5 00
95 Beech, 8 Irons, Screw Stop.....	5 50
96 Beech, Screw Stop, Boxed Fence	5 85
96½ Beech, Screw Stop, with Handle.....	6 50
97 Beech, Screw Stop, with Handle, Boxed Fence.....	6 85
98 Beech, Boxwood Arms.....	6 25
99 Beech, Boxwood Arms, Boxed Fence.....	6 60
100 Beech, Boxwood Arms, with Handle.....	7 75
101 Beech, Boxwood Arms, with Handle, Boxed Fence.....	8 00
102 Box or Rosewood.....	8 00
103 Box or Rosewood, Ivory Tipped.....	9 00
104 Box or Rosewood, with Handle.....	10 00
105 Box or Rosewood, with Handle, Ivory Tipped.....	11 00
106 Applewood, Boxwood Arms, Screw Stop.....	7 50
107 Applewood, Boxwood Arms, Screw Stop, Boxed Fence.....	8 00
107a Applewood, Screw Stop, Boxed Fence, Handled.....	7 75
107b Applewood, Boxwood Arms, Screw Stop, Handled.....	9 00
107c Applewood, Boxwood Arms, Screw Stop, Boxed Fence, Handled.....	9 25
107d Ebony, without Handle.....	10 00
107e Ebony, Ivory Tipped, without Handle.....	11 00
108 Ebony, with Handle.....	12 00
109 Ebony, with Handle, Ivory Tipped.....	13 00

MOULDING AND FANCY WOOD PLANES—Continued.

Invoice Nos.	PLOW ARMS.	Price Per Pair
110	Boxwood Plow Arms, complete.....	\$1 75
111	Rosewood Plow Arms, complete	1 50
112	Applewood Plow Arms, complete	1 00

Invoice Nos.	RAISING PLANES.	Price Each
114	From $2\frac{1}{2}$ to 4 inch, per inch.....	\$1 75
115	With Screw Arms, $2\frac{1}{2}$ inches.....	4 25
	$2\frac{3}{4}$ inches.....	4 75
	3 inches.....	5 10
	$3\frac{1}{4}$ inches.....	5 50
	$3\frac{1}{2}$ inches.....	6 00
	4 inches.....	6 50

RABBET PLANES.



No. 116.

No. 119.

Invoice Nos.		Price Each
116	Skew, $\frac{1}{4}$ and $\frac{3}{8}$ inch.....	\$1 00
	$\frac{1}{2}$ to 1 inch.....	60
	$1\frac{1}{4}$ inch.....	65
	$1\frac{1}{2}$ inch.....	70
	$1\frac{3}{4}$ inch.....	80
	2 inch.....	90
	$2\frac{1}{4}$ inch.....	1 00
	For Rabbet Plane No. 116, with one Cutter, add 15 cents, and for two Cutters, add 30 cents, each, list.	
117	Skew, Cutter and Boxed, $\frac{1}{2}$ to 1 inch.....	1 05
	$1\frac{1}{4}$ inch.....	1 10
	$1\frac{1}{2}$ inch.....	1 15
	$1\frac{3}{4}$ inch.....	1 25
	2 inch.....	1 35
118	Skew, with Centre Handle and one Cutter, $1\frac{1}{2}$ to 2 inch.....	1 50
	$2\frac{1}{4}$ to $2\frac{1}{2}$ inch.....	1 80
119	Skew, with Handle and two Cutters, $1\frac{1}{2}$ to 2 inch.....	1 70
	$2\frac{1}{4}$ to $2\frac{1}{2}$ inch	2 00
119 $\frac{1}{2}$	With Handle on Side, add to prices for 119 for same size, extra, list..	20
119 $\frac{3}{4}$	Skew, Centre Handle, Razee, two Cutters, $1\frac{1}{4}$ to 2 inch.....	2 00
120	Square, same prices for same sizes as No. 116.	
121	Square, Boxed Face, $\frac{1}{2}$ to 1 inch.....	1 05
	$1\frac{1}{4}$ inch.....	1 10
	$1\frac{1}{2}$ inch.....	1 15

MOULDING AND FANCY WOOD PLANES—Continued.



Beads made by No. 122, Four Beads.

Invoice Nos.		Price Each
122	Reeding Plane, to make 1 Bead, $\frac{1}{4}$ to $\frac{1}{2}$ inch.....	\$1 00
	2 Beads, $\frac{1}{4}$ to $\frac{1}{2}$ inch	1 40
	3 Beads, $\frac{1}{4}$ to $\frac{1}{2}$ inch	1 80
	4 Beads, $\frac{1}{4}$ to $\frac{1}{2}$ inch	2 30
	5 Beads, $\frac{1}{4}$ to $\frac{1}{2}$ inch	3 00
123	Side Rabbets, per pair.....	2 25
124	Snipe Bills, Single Boxed, per pair.....	2 25
124 $\frac{1}{2}$	Snipe Bills, Double Boxed, per pair	2 75

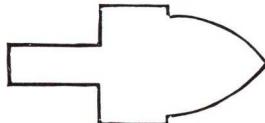
COPING PLANES.

45	Coping, Double	\$0 75
45 $\frac{1}{4}$	Coping, Single	50
45 $\frac{1}{2}$	Coping, Double and Boxed	90
45 $\frac{3}{4}$	Coping, Double, for Doors.....	90

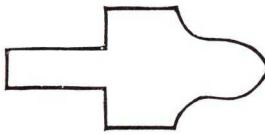
SASH PLANES.



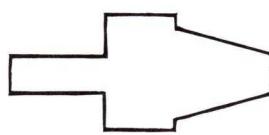
Ovolo.



Gothic.



Ogee.



Bevel.

Nosing Moulding and Tuscan Sash Planes to order. Prices on application.

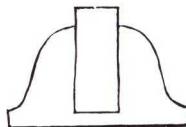
Invoice Nos.		Price Each
125	With one Iron, Bevel or Ovolo	\$0 60
126	With two Irons, Bevel or Ovolo	1 00
127	With two Irons, Boxed, Bevel or Ovolo.....	1 25
128	Screw Arms, Self-regulating, Bevel or Ovolo.....	1 75
129	Screw Arms, Self-regulating, Gothic or Ogee.....	1 75
130	Screw Arms, Self-regulating, Boxed, Bevel or Ovolo	2 00
131	Screw Arms, Self-regulating, Boxed, Gothic or Ogee	2 00
132	Screw Arms, Self-regulating, Dovetailed, Boxed, Bevel or Ovolo	2 25
133	Screw Arms, Self-regulating, Dovetailed, Boxed, Gothic or Ogee	2 25
133 $\frac{1}{4}$	Brass Screws, Self-regulating, Boxed, Bevel or Ovolo	2 75
133 $\frac{1}{2}$	Brass Screws, Self-regulating, Boxed, Gothic or Ogee	2 75
134	Brass Screws, Self-regulating, Dovetailed, Boxed, Bevel or Ovolo.....	3 00
135	Brass Screws, Self-regulating, Dovetailed, Boxed, Gothic or Ogee	3 00
135 $\frac{1}{2}$	Meeting Rail Plane, for Sash	3 75

MOULDING AND FANCY WOOD PLANES—Continued.

TABLE AND DOOR PLANES.



Work done by Table Planes.



Work done by No. 139 3/4.

Invoice Nos.		Price Per Pair
136	Table Planes, with Gauge, $\frac{1}{2}$ to $\frac{5}{8}$ inch..... $\frac{3}{4}$ inch.....	\$1 35 1 50
137	Table Planes, with Gauge, Dovetailed, Boxed, $\frac{1}{2}$ to $\frac{5}{8}$ inch..... $\frac{3}{4}$ inch.....	1 75 1 90
138	Table Planes, with Fence, $\frac{1}{2}$ to $\frac{5}{8}$ inch..... $\frac{3}{4}$ inch.....	1 65 1 85
138a	Table Planes, with Fence, Boxed, $\frac{1}{2}$ to $\frac{5}{8}$ inch.....	2 25
138 1/4	Table Planes, Twin, with Fence.....	2 10
139	Washboard Planes, each.....	1 20
139 1/4	Door Plane, with Screw Arms and Fence, each.....	1 75
139 1/2	Door Plane, with Screw Arms, Bevel, each.....	1 50
139 3/4	Door Plane, with Screw Arms, Ogee, each	1 60
139a	Door Plane, Ogee, Single, each	88

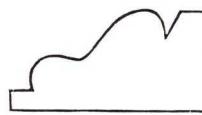
REVERSE OGEE AND SQUARE.



Moulding made by No. 140.

Invoice No.		Price Each
140	Reverse Ogee and Square, $\frac{1}{2}$ to 1 inch..... $1\frac{1}{4}$ to $1\frac{1}{2}$ inch..... $1\frac{3}{4}$ to 2 inch	\$0 75 85 1 00

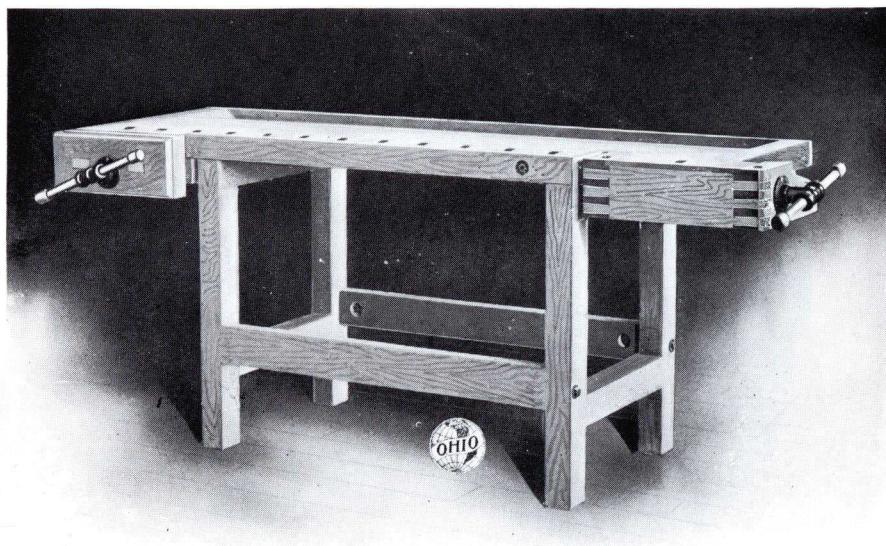
DOOR AND PILASTER MOULDING.



Moulding made by No. 141.

Invoice Nos.		Price Each
141	Door Moulding Plane, $\frac{1}{2}$ to $1\frac{1}{4}$ inch..... $1\frac{1}{2}$ to 2 inch	\$0 90 1 05
151	Pilaster Moulding, $3\frac{1}{2}$ inch, 4 inch.....	3 50 4 00

HIGH GRADE CABINET MAKERS' AND MANUAL TRAINING BENCHES.



Nos. 160, 161 and 162.

CABINET MAKERS' BENCHES.

Height, 34 inches.

	Size	Weight	List Each
No. 160	25 inches by 6½ feet, 14 inch maple top.	235 pounds.	\$12 00
No. 161	30 inches by 6½ feet, 16 inch maple top.	270 pounds.	13 00
No. 162	30 inches by 7 feet, 16 inch maple top.	285 pounds.	14 00

TOPS. The above benches are made with glued up maple tops, 2½ inches in thickness, back of which is a 10 inch well or recess for tools.

LEGS. Legs are of maple, size 2¾ x 3½ inches.

BENCH SCREWS. Fitted with "Ohio" Iron Bench Screws, 1½ inches in diameter, in both the front and tail vises.

The under side of front piece of the top and upper edge of front girt are grooved to receive sides when wanted.

NOTE: Any of our benches can be furnished with any of the rapid acting vises generally called for, including the Oliver, Herriman, Toles, Massey and Abernathy (see page 47); prices quoted on application.

Slides and stops are not included in the above list prices.

Slides, 50 cents each, list.

Iron Stops, as illustrated, \$1.00 per pair, list.



BENCHES—Continued.



No. 164.

CABINET MAKERS' BENCH.

List price, without Stops or Slides, \$10.40.

SIZE. Length, 5 feet. Width, 22 inches. Height, 34 inches.

TOP. This bench has a glued up maple top, $2\frac{3}{8}$ inches in thickness and 13 inches wide, back of which is a well or recess for tools.

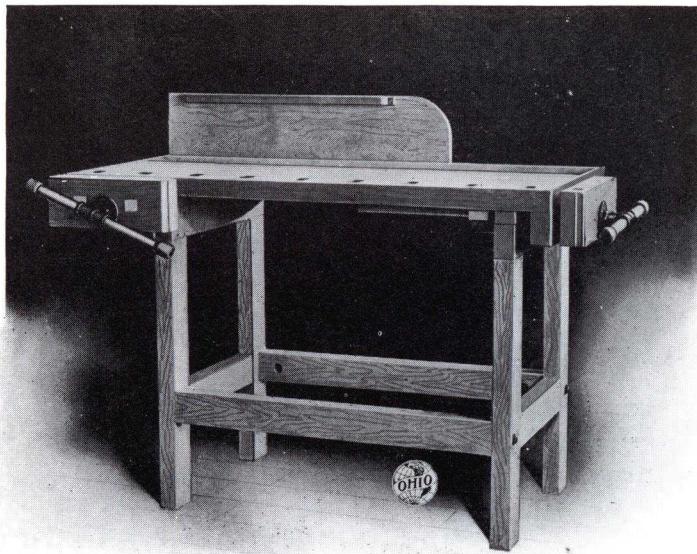
LEGS. Legs are of maple, size, $2\frac{3}{4}$ x $3\frac{1}{2}$ inches.

BENCH SCREWS. Fitted with "Ohio" Iron Bench Screws, $1\frac{1}{8}$ inches in diameter, in both the front and tail vises.

WEIGHT. Weight, packed for shipment, 190 pounds.

For Rapid Acting Vises, see page 47.

BENCHES—Continued.



No. 166.

MANUAL TRAINING BENCH.

List price, including three Spring Wood Stops, \$8.40.

SIZE. Length, 4 feet, exclusive of vises. Width, 20 inches. Height, 32 inches.

TOP. Glued up maple top $1\frac{3}{4}$ inches in thickness and 13 inches wide, back of which is a 7 inch well or recess for tools.

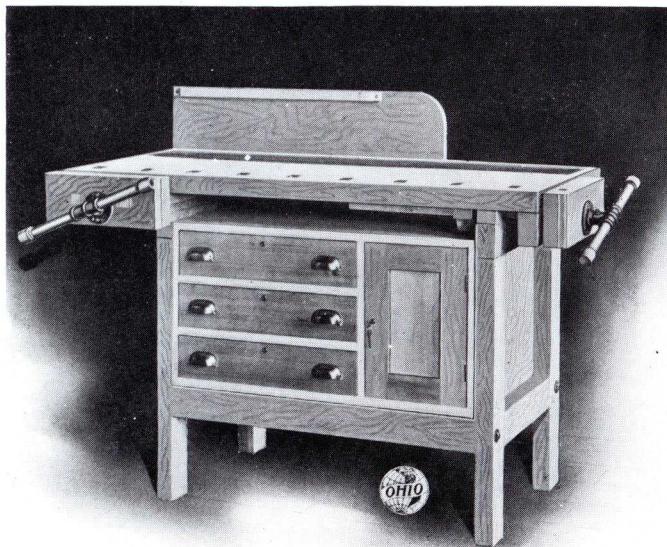
The maple strips in the top are tongued and grooved and carefully glued, making it exceptionally firm and rigid.

LEGS. Legs are of maple, size $1\frac{3}{4} \times 3$ inches.

BENCH SCREWS. Fitted with "Ohio" Iron Bench Screws, 1 inch in diameter, in both the front and tail vises.

WEIGHT. Weight, packed for shipment, 130 pounds.

BENCHES—Continued.



No. 167.

MANUAL TRAINING BENCH.**WITH CABINET.**

List price, including three Spring Wood Stops, \$14.50.

This bench is exactly like our No. 166 Bench described on preceding page, excepting it is fitted with Cabinet as shown in illustration.

CABINET. The cabinet contains three drawers and cupboard. The drawers are 19 inches long, $18\frac{1}{2}$ inches wide, and 4 inches deep, fitted with good locks. The cupboard is also fitted with a lock, and measures 10 x 14 x $18\frac{1}{2}$ inches.

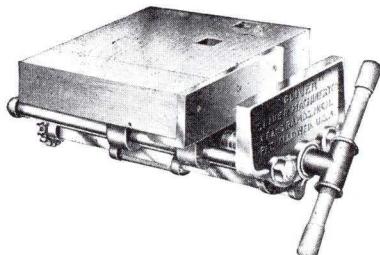
FINISH. Top of bench is oil finished and the remainder is varnished.

WEIGHT. Weight, packed for shipment, 200 pounds.

RAPID ACTING IRON VISES.

We will furnish any of our Cabinet Makers' or Manual Training Benches with any of the rapid acting vises generally called for, including the Oliver, Herriman, Toles, Massey and Abernathy; prices quoted on application.

We illustrate below several first-class vises that are quite popular, and can furnish them either with the benches or separately.

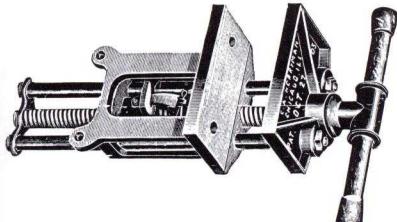


No. 69B

No. 69B. OLIVER FRONT VISE.

Jaws 10 inches wide; opens 12 inches; weight, 42 pounds.

List price \$7 00



No. 7

No. 7. HERRIMAN FRONT VISE.

Jaws, 7 inches wide; opens 9 inches; weight, 27 pounds.

List price \$4 75

No. 10. HERRIMAN FRONT VISE.

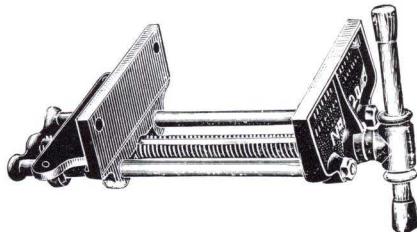
Jaws, 10 inches wide; opens 12 inches; weight, 47 pounds.

List price \$6 50

No. 27. HERRIMAN TAIL VISE.

Jaws, 5 inches wide; opens 6 inches; weight, 3½ pounds.

List price \$5 75

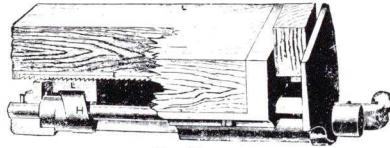


No. 20

No. 20. TOLES FRONT VISE.

Jaws, 10 inches wide; opens 12 inches; weight, 36 pounds.

List price \$8 00



No. 17

No. 17. MASSEY FRONT VISE.

Jaws, 9 inches wide; opens 12 inches; weight, 48 pounds.

List price \$7 00

No. 19. MASSEY FRONT VISE.

Same style as No. 17. Jaws, 7 inches wide; opens 7 inches; weight, 28 pounds.

List price \$5 25

IRON BENCH SCREWS.

IN CASES OF ONE DOZEN EACH.

Double Thread, with Wood Handles and movable Collars.



No. 170.

SCREWS. Well made from the best material.

HANDLES. Made from best quality second-growth hickory. The knob on one end is glued solid, and the knob on the other end is made with a thread to screw on and off, thus making it more convenient for the operator.

Invoice Nos.	Diameter of Screws.	Approximate Length Over All.	Approximate Length Under Collar.	Net Prices on Application.
170	1 inch	16 inches	13 $\frac{1}{4}$ inches	
171	1 $\frac{1}{8}$ "	16 $\frac{1}{4}$ "	13 $\frac{1}{4}$ "	
172	1 $\frac{1}{4}$ "	17 "	14 "	
173	1 $\frac{1}{2}$ "	18 $\frac{1}{4}$ "	15 "	

Note. These Bench Screws furnished with Iron Handles at an additional cost. Extra lengths furnished at special prices.

For contents, weights and measurements of full cases, see page 80.

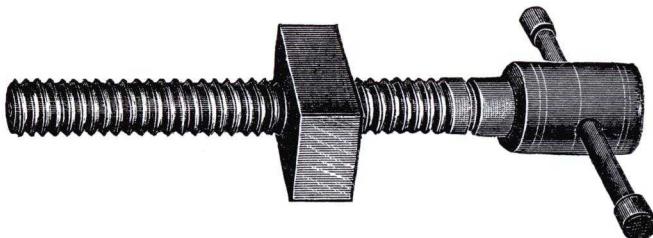
WOOD BENCH SCREWS.

We can furnish our 2 $\frac{1}{2}$ inch Wood Bench Screws either with or without the Patent Groove and Metallic Vise Flange.

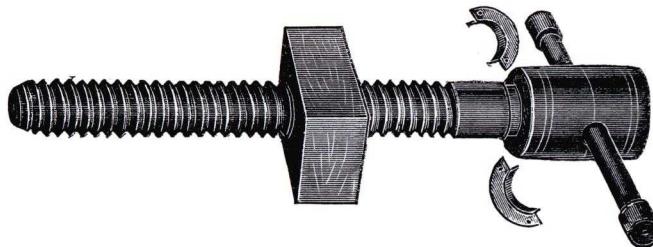
Among the advantages of the *Patent Vise Flange* in connection with the *Patent Groove Bench Screw*, are these:

1. Obviating the necessity of mortising the jaw of the vise, and thereby weakening it.
2. Accuracy in working.
3. Doing away with the friction and wear of the end of the head of screw against the jaw of vise.
4. Less strength is required in tightening.
5. The jaw is carried squarely and firmly, and works more freely than in the ordinary vise.
6. The flange adds strength and durability to the vise at the essential point.

WOOD BENCH SCREWS—Continued.



No. 185.



No. 185C.

Patent Groove Bench Screw with Patent Metallic Vise Flange.

NOTE. The $2\frac{1}{2}$ inch Screw is the only size furnished with the Patent Groove and Metallic Vise Flange. See list below.

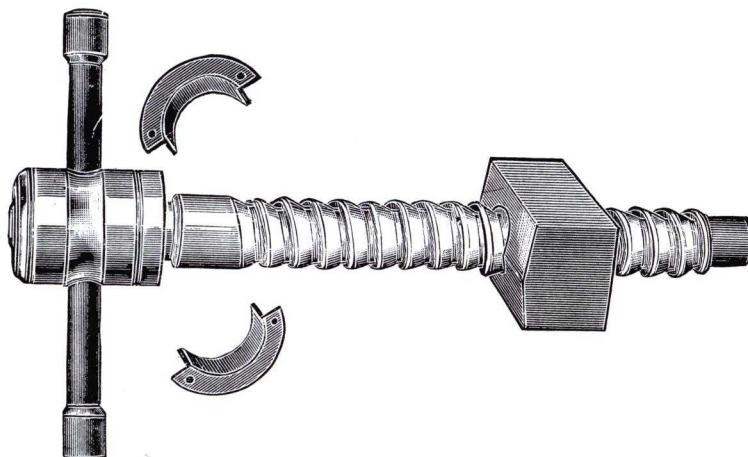
Invoice Nos.		Price Per Doz.
183	Wood Bench Screw, 2 inch.....	\$4 50
184	Wood Bench Screw, $2\frac{1}{4}$ inch.....	4 75
185	Wood Bench Screw, $2\frac{1}{2}$ inch.....	5 00
185c	Wood Bench Screw, $2\frac{1}{2}$ inch, with Patent Groove and Patent Metallic Vise Flange.....	5 00

WOOD TAIL SCREWS.

Invoice Nos.		Price Per Doz.
186 $\frac{1}{4}$	Wood Tail Screw, 2 inch.....	\$12 00
186 $\frac{3}{4}$	Wood Tail Screw, $2\frac{1}{2}$ inch.....	12 00
186 $\frac{3}{4}$ c	Wood Tail Screw, $2\frac{1}{2}$ inch, with Patent Groove and Patent Metallic Vise Flange.....	12 00

For contents, weights and measurements of full cases, see page 80.

WOOD BENCH SCREWS—Continued.



No. 185½ C.

With Patent Groove and Patent Metallic Vise Flange.

BOWERS' PATTERN BEVEL-THREAD BENCH SCREW.

With Patent Metallic Vise Flange. Patented April 22, 1884. See description of flange, page 48.

This is a very superior Bench Screw, to which we invite the attention of mechanics and the trade, as the *best Bench Screw* in use.

The Bench Screw operates upon the vise jaws with great rapidity, one turn being equal to two turns of the ordinary screw. *Its great strength and durability are among its chief recommendations.*

These Screws are made only from selected timber, thoroughly air-seasoned and well finished.

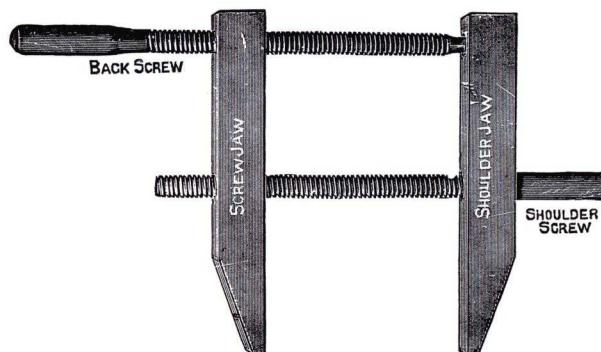
From the experience of those who have used them, we confidently assert that they will *give better satisfaction* to the mechanic than any other Bench Screw now in use. Size, $2\frac{1}{2}$ inches in diameter.

Invoice Nos.	Price Per Doz.
185½ Wood Bench Screw, Bowers' Pattern Bevel Thread, $2\frac{1}{2}$ inch.....	\$7 00
185½c Wood Bench Screw, Bowers' Pattern Bevel Thread, $2\frac{1}{2}$ inch, with Patent Groove and Patent Metallic Vise Flange	7 00

SQUARE THREAD BENCH SCREW.

186 Wood Bench Screw, Square Thread, $2\frac{1}{2}$ inch	7 00
186c Wood Bench Screw, Square Thread, $2\frac{1}{2}$ inch, with Patent Groove and Patent Metallic Vise Flange.....	7 00

WOOD HAND SCREWS.



No.	Price Per Doz.	Diameter Screw	Length Screw	Length of Jaw	Size of Jaw	Open
800	\$40.00	1 $\frac{1}{4}$ inches	28 inches	24 inches	3 inches Square	17 inches
801	35.00	1 $\frac{1}{4}$ "	26 "	22 "	2 $\frac{3}{4}$ "	15 $\frac{1}{2}$ "
802	32.00	1 $\frac{1}{4}$ "	24 "	20 "	2 $\frac{5}{8}$ "	13 $\frac{3}{4}$ "
803	30.00	1 $\frac{1}{4}$ "	22 "	20 "	2 $\frac{1}{2}$ "	12 "
804	28.50	1 $\frac{5}{8}$ "	22 "	18 "	2 $\frac{1}{2}$ "	12 $\frac{1}{4}$ "
805	27.00	1 $\frac{1}{8}$ "	20 "	18 "	2 $\frac{3}{8}$ "	10 $\frac{1}{2}$ "
806	25.00	1 "	20 "	16 "	2 $\frac{1}{8}$ "	11 "
807	23.50	1 "	18 "	16 "	2 $\frac{1}{4}$ "	9 $\frac{1}{4}$ "
808	22.00	7/8 "	18 "	14 "	2 $\frac{1}{8}$ "	10 "
809	20.00	7/8 "	16 "	14 "	2 "	8 $\frac{1}{4}$ "
810	18.50	7/8 "	16 "	12 "	1 $\frac{7}{8}$ "	8 $\frac{1}{2}$ "
811	17.00	7/8 "	14 "	12 "	1 $\frac{3}{4}$ "	7 $\frac{1}{4}$ "
812	14.50	5/8 "	12 "	10 "	1 $\frac{5}{8}$ "	5 $\frac{1}{2}$ "
813	12.00	5/8 "	10 "	8 "	1 $\frac{1}{8}$ "	4 $\frac{1}{2}$ "
814	9.50	5/8 "	8 "	7 "	1 $\frac{1}{8}$ "	3 "
815	8.00	5/8 "	6 "	5 "	1 "	2 "
816	7.00	5/8 "	5 "	4 "	7/8 "	1 $\frac{1}{4}$ "

Either jaw or screw, one-third the price of the complete hand screw. All hand screws oil finished.

We use in "Ohio" Hand Screws only thoroughly seasoned timber of superior quality, the jaws being of hard maple and the screws of hickory.

For contents, weights and measurements of full cases, see page 80.

CABINET MAKERS' CLAMPS.

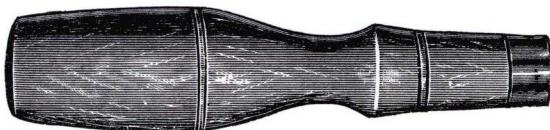


Invoice
Nos.

		Price
190	Two feet inside of Jaws, per doz.....	\$ 8 50
190 $\frac{1}{4}$	Three feet inside of Jaws, per doz.....	9 00
190 $\frac{1}{2}$	Four feet inside of Jaws, per doz.....	10 00
190 $\frac{3}{4}$	Five feet inside of Jaws, per doz.....	11 00

HANDLES.

CHISEL HANDLES.



No. 900 to 918.

One Dozen in a Paper Box.

WITH LIGHT BRASS FERRULES.

Invoice Nos.	POLISHED HICKORY.	Price Per Gross
900	Tanged Firmer, assorted for 1 to 3 inch chisels.....	\$ 9 75
901	Tanged Firmer, assorted for $\frac{1}{8}$ to 2 inch chisels.....	7 50
902	Tanged Firmer, assorted for $\frac{1}{8}$ to $1\frac{1}{2}$ inch chisels.....	6 50
903	Tanged Firmer, assorted for $\frac{1}{8}$ to $1\frac{1}{4}$ inch chisels.....	5 75
	POLISHED APPLEWOOD.	
905	Tanged Firmer, assorted for 1 to 3 inch chisels.....	11 75
906	Tanged Firmer, assorted for $\frac{1}{8}$ to 2 inch chisels.....	9 50
907	Tanged Firmer, assorted for $\frac{1}{8}$ to $1\frac{1}{2}$ inch chisels.....	8 50
908	Tanged Firmer, assorted for $\frac{1}{8}$ to $1\frac{1}{4}$ inch chisels.....	7 75

WITH HEAVY BRASS FERRULES.

	POLISHED HICKORY.	
910	Tanged Firmer, assorted for 1 to 3 inch chisels.....	10 75
911	Tanged Firmer, assorted for $\frac{1}{8}$ to 2 inch chisels.....	8 25
912	Tanged Firmer, assorted for $\frac{1}{8}$ to $1\frac{1}{2}$ inch chisels.....	7 25
913	Tanged Firmer, assorted for $\frac{1}{8}$ to $1\frac{1}{4}$ inch chisels.....	6 25
	POLISHED APPLEWOOD.	
915	Tanged Firmer, assorted for 1 to 3 inch chisels.....	12 75
916	Tanged Firmer, assorted for $\frac{1}{8}$ to 2 inch chisels.....	10 25
917	Tanged Firmer, assorted for $\frac{1}{8}$ to $1\frac{1}{2}$ inch chisels.....	9 25
918	Tanged Firmer, assorted for $\frac{1}{8}$ to $1\frac{1}{4}$ inch chisels.....	8 25



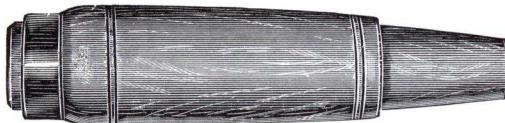
Nos. 920 to 926.

One Dozen in a Paper Box.

Invoice Nos.	POLISHED HICKORY	Price Per Gross
920	Socket Firmer, assorted for $\frac{1}{8}$ to 2 inch chisels	\$ 5 00
921	Socket Firmer, assorted for 1 to 2 inch chisels.....	6 00
	POLISHED APPLEWOOD	
925	Socket Firmer, assorted for $\frac{1}{8}$ to 2 inch chisels	7 00
926	Socket Firmer, assorted for 1 to 2 inch chisels	8 00

HANDLES—Continued.

CHISEL HANDLES.



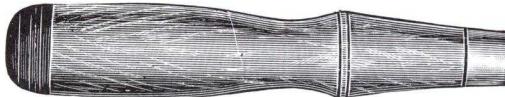
No. 930 to 931.

One Dozen in a Paper Box.

WITH IRON FERRULES.

Invoice Nos.	Price Per Gross
930 Socket Framing, Hickory, assorted for $\frac{1}{4}$ to 3 inch chisels	\$ 6 00
931 Socket Framing, Hickory, assorted for 2 to 3 inch chisels	7 00

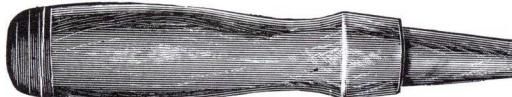
LEATHER TOP CHISEL HANDLES.



Nos. 940 to 941.

One Dozen in a Paper Box.

Invoice Nos.	Price Per Gross
940 Tanged Firmer, Polished Hickory, assorted for 1 to 3 inch chisels	\$14 50
941 Tanged Firmer, Polished Hickory, assorted for $\frac{1}{2}$ to 2 inch chisels	12 50



Nos. 945 to 946.

One Dozen in a Paper Box.

Invoice Nos.	Price Per Gross
945 Socket Firmer, Polished Hickory, assorted for $\frac{1}{2}$ to 2 inch chisels	\$ 9 00
946 Socket Firmer, Polished Hickory, assorted for 1 to 2 inch chisels	10 00



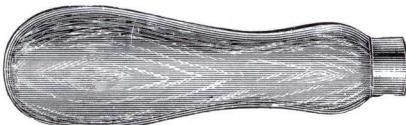
Nos. 950 to 951

One Dozen in a Paper Box.

Invoice Nos.	Price Per Gross
950 Socket Framing, Hickory, assorted for $\frac{1}{4}$ to 3 inch chisels	\$ 9 50
951 Socket Framing, Hickory, assorted for 2 to 3 inch chisels	10 50

HANDLES—Continued.

FILE HANDLES.

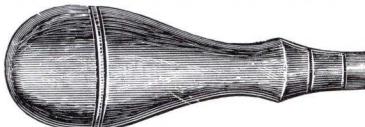


Nos. 960 to 962.

WITH BRASS FERRULES.

Invoice Nos.		Price Per Gross
960	Assorted, Large, 3 dozen in a paper box.....	\$3 75
961	Assorted, Medium, 3 dozen in a paper box.....	3 25
962	Assorted, Small, 3 dozen in a paper box.....	3 00

BRAD AWL HANDLES.



Nos. 968 to 969.

WITH BRASS FERRULES.

Invoice Nos.		Price Per Gross
968	Assorted Sizes, Polished, 3 dozen in a paper box.....	\$3 50
969	Assorted Sizes, Oil Finished, 3 dozen in a paper box.....	3 00

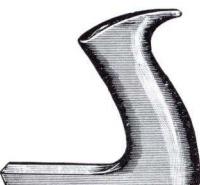
AUGER HANDLES.



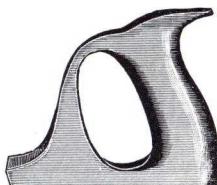
Nos. 980 to 981

Invoice Nos.		Price Per Gross
980	Assorted, from $\frac{3}{4}$ to 2 inches.....	\$5 50
981	Assorted, from 1 to 2 inches.....	6 50

PLANE HANDLES.



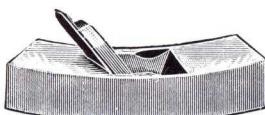
No. 985.



No. 988.

Invoice Nos.		Price Per Gross
985	Jack	\$6 00
987	Jack, Bolted	15 00
988	Fore	9 00
989	Fore, Bolted	18 00

COOPERS' WOOD TOOLS.



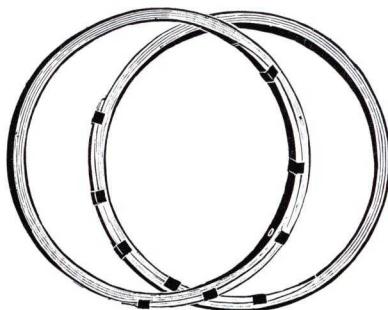
No. 204. Leveling Plane.

Invoice Nos.		Pric Each
196	Stock Howel, for tight work, all regular sizes, each.....	\$ 1 10
199	Lance Croze, for tight work, all regular sizes, each.....	1 00
200	Lance Croze, beer keg and half barrel.....	1 20
	For any of the above with Lignum-vitæ inserted in Fence, add to list price 35 cents.	
201	Gouge Howel, for oil barrels.....	1 60
201a	Heading Floats, 4 inch iron, Lignum-vitæ Face.....	4 00
201g	Heading Floats, Applewood Face.....	3 75
201b	Chamfering Tool, for finishing after the knife, all regular sizes, for tight work.....	1 50
201c	V Croze, Applewood, all regular sizes.....	1 15
201d	Stock Howel, Applewood, all regular sizes.....	1 75
201e	Gouge Howel, Applewood, all regular sizes.....	2 25
201f	Lance Croze, Applewood, all regular sizes.....	1 60
203	Croze for beer and wine casks, with screw arms, with cutter $\frac{3}{4}$ in. wide	6 00
202	V Croze, all regular sizes, plain.....	90
203 $\frac{1}{4}$	V Croze, barrel improved.....	1 00
203 $\frac{1}{2}$	V Croze, barrel improved, Lignum-vitæ Face.....	1 40
204	Leveling Plane.....	90
205	Leveling Plane, Applewood.....	1 25
205 $\frac{1}{2}$	Leveling Plane, Lignum-vitæ.....	2 50
204a	Butter Tub Tools, for inside top work, all regular sizes.....	1 20
204b	Butter Tub Tools, for inside bottom work, all regular sizes.....	1 20
204c	Butter Tub Tools, for outside work, all regular sizes.....	1 20
206	Jointer, 3 to 3 $\frac{1}{2}$ feet long, single iron, 2 $\frac{1}{2}$ inch, Beech.....	1 60
206 $\frac{1}{2}$	Jointer, 3 to 3 $\frac{1}{2}$ feet long, double iron, 2 $\frac{1}{2}$ inch, Beech.....	2 00
207	Jointer, 4 to 4 $\frac{1}{2}$ feet long, single iron, 2 $\frac{5}{8}$ inch, Beech.....	2 00
207 $\frac{1}{2}$	Jointer, 4 to 4 $\frac{1}{2}$ feet long, double iron, 2 $\frac{5}{8}$ inch, Beech	2 50
208	Jointer, 5 to 5 $\frac{1}{2}$ feet long, single iron, 2 $\frac{1}{2}$ to 2 $\frac{3}{4}$ inch, Beech.....	2 75
209	Jointer, 5 to 5 $\frac{1}{2}$ feet long, double iron, 2 $\frac{1}{2}$ to 2 $\frac{3}{4}$ inch, Beech.....	3 15
209 $\frac{1}{2}$	Jointer, 6 feet long, single iron, 2 $\frac{3}{4}$ inch, Beech.....	3 10
209 $\frac{3}{4}$	Jointer, 6 feet long, double iron, 2 $\frac{3}{4}$ inch, Beech.....	4 40
210	Drivers, banded, per dozen.....	2 75
210 $\frac{1}{2}$	Drivers, not banded, per dozen.....	2 50

Add for Doweling Coopers' Jointers together, 50 cents per pair list.

Please state, in ordering, whether Stave or Heading Jointers are wanted.

TRUSS HOOPS.



Our hoops are perfect in size and made from the best second growth hickory, and are split and shaved by hand.

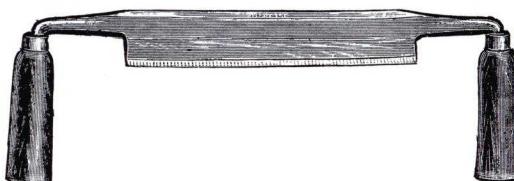
Six hoops to the set.

Sizes	No. 1	No. 2
From 10 to 12 inches, per set...	\$2 25	\$2 00
" 12½ to 14½ "	2 50	2 25
" 15 to 16 "	2 75	2 50
" 16½ to 17½ "	3 00	2 75
" 18 to 19½ "	3 25	3 00
" 20 to 21½ "	3 75	3 50
" 22 to 25 "	4 00	3 75
" 26 to 31 "	5 50	5 25
" 32 to 35 "	6 50	6 25

EDGE TOOLS.

TERMS OF WARRANTY.—Steel goods of our make all warranted free from flaws and not too soft. When defective and returned to us free of charge, we will give sound goods in place of them. Goods which show evidence of having been a long time in use, and are partly worn out, and goods that have been tampered with, will not be taken back on warranty.

COOPERS' EDGE TOOLS.



No. 222.

Invoice Nos.	Price
216 Stave Knives, 7 to 9 inch, per dozen.....	\$12 50
218 Backing Knives, 7 to 9 inch, per dozen.....	12 50
220 Hollowing Knives, 7 to 9 inch, per dozen.....	12 50
221 Hollowing Knives, 10 inch, per dozen.....	14 00
222 Hoop Knives, 7 to 9 inch, per dozen.....	11 25
223 Hoop Knives, 10 inch, per dozen.....	12 75
224 Shave-up Knives, 7 to 9 inch, per dozen.....	12 50
226 Paring Knives, 7 to 9 inch, per dozen.....	11 25
229 Heading Knives, short Shanks, per dozen, 10 inch, \$14.00; 11 inch, \$15.50; 12 inch, \$17.00; 13 inch, \$18.50; 14 inch, \$20.00; 16 inch, \$23.00; 18 inch, \$26.00. Heading Knives, long Shank, 50 cents more per dozen than same size short Shank.	
236 V Irons, per dozen.....	2 00
237 Lance Croze Teeth and Hooks, sets, per dozen.....	2 00

EDGE TOOLS—Continued.

CARPENTERS' EDGE TOOLS.

DRAWING KNIVES—Correct in Hang, Style and Temper.



No. 244.

No. 244. CARPENTERS' DRAWING KNIVES.

Size, inches,	6	7	8	9	10	12	14	16
Per dozen,	\$22.00	22.00	22.00	24.00	25.00	27.00	29.00	32.00



No. 244 1/2.

No. *244 1/2. RAZOR BLADE DRAWING KNIVES.

Size, inches,	6	7	8	9	10	12	14	16
Per dozen,	\$22.00	22.00	22.00	24.00	25.00	27.00	29.00	32.00

*With Ebonized Handles add \$.... per doz. net.

IMPROVED ADJUSTABLE HANDLE DRAWING KNIVES,
RAZOR BLADE.

No. 600.

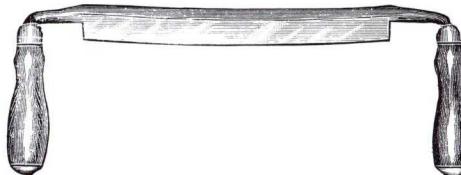
ADJUSTMENT.—We wish to call particular attention to the simplicity and strength of our Adjustment as illustrated above. This will commend the knife to all mechanics and practical tool men. In the Tool Chest the Handles protect the cutting edge of the knife. It is a compact tool for the carpenters' outfit.

HANDLES.—Are handsomely stained and hand polished.

No. 600. Size, inches,	6	7	8	9	10	12	14	16
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Net Prices Quoted on Application.

EDGE TOOLS—Continued.



No. 245.

No. 245. CARRIAGE MAKERS' DRAWING KNIVES.

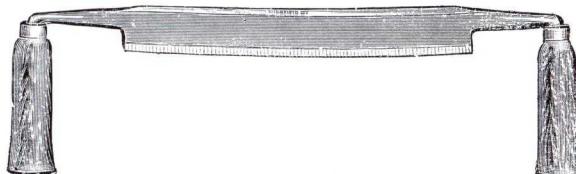
Size, inches,	6	7	8	9	10	12
Per dozen	\$25.00	25.00	25.00	27.00	28.00	30.00



No. 246.

No. 246. WAGON MAKERS' DRAWING KNIVES.

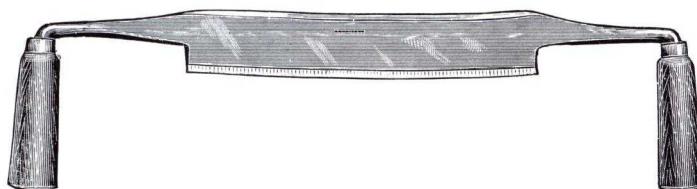
Size, inches,	8	9	10	12
Per dozen	\$27.00	29.00	30.00	32.00



No. 247.

No. 247. SHINGLE KNIVES.

Size, inches,	10	12	14	16
Per dozen	\$31.00	35.00	39.00	43.00



No. 248.

Invoice
No.
248 Extra Heavy Shingle Knives, especially adapted for removing bark from cedar poles and similar work. Prices on application.

For contents, weights and measurements of full cases, see page 81.

CHISELS.

Where order does not specify otherwise, we send *Firmer Chisels and Gouges with Leather Head Handles; Framing and Corner Chisels with Ring Head Handles*. We can furnish *Firmer Chisels and Gouges with Plain or Ring Head Handles; Framing and Corner Chisels with Leather Head Handles*, (Plain Head Handles not suitable for Framing and Corner Chisels owing to hard usage to which they are put,) *if desired and order so specifies*.

SOCKET FRAMING CHISELS.

Eight inch Blades.



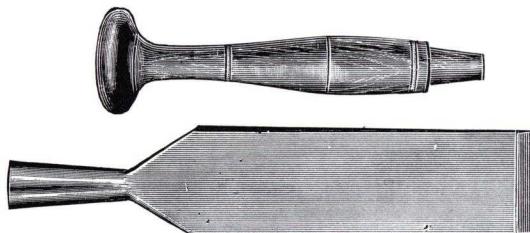
Ring Head Handles, *very durable*, furnished unless otherwise ordered,
*Leather Head Handles sent if order so specifies.

No. 249. Socket Framing Chisels.

Size, inches.....	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen	\$15.00	15.00	16.00	17.00	17.00	18.00	18.00
Size, inches.....				$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen				\$20.00	22.00	24.00	26.00

*For No. 249, if required with Leather Head Handles, add \$2.00 per dozen list.

CARPENTERS' SLICKS.



No. 249 $\frac{1}{2}$. Carpenters' Slicks.

Size, inches	$2\frac{1}{4}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4
Per dozen.....	\$40.00	45.00	50.00	55.00	65.00

CHISELS—Continued.

SOCKET CORNER CHISELS.



Ring Head Handles, *very durable*, furnished unless otherwise ordered.

*Leather Head Handles sent if order so specifies.

No. 250. Socket Corner Chisels.

Size, inches	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Per dozen	\$30.00	30.00	32.00	34.00	36.00	38.00	40.00

*For No. 250, if required with Leather Head Handles, add \$2.00 per dozen, list.

SOCKET FIRMER CHISELS.

Leather Head Handles, *durable and attractive*, furnished unless otherwise ordered. Plain Head Handles sent if order so specifies.

Six inch Blades.



No. 251. *Socket Firmer Chisels, Plain Edge, with Leather Capped Handles.

Size, inches	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen	\$12.50	12.50	12.50	13.50	14.50	14.50	15.50	16.50
Size, inches						$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$
Per dozen						\$18.00	19.00	20.00

Assorted in Sets.

Size inches, $\frac{1}{8}$ to 2 (12)	Per set, \$16.00
Size inches, $\frac{1}{4}$ to 2 (8)	Per set, 10.50
Size inches, $\frac{1}{8}$ to $1\frac{1}{2}$ (9)	Per set, 11.00
Size inches, $\frac{1}{4}$ to 2 (6)	Per set, 8.00



No. 0251. *Socket Firmer Chisels, Plain Edge, All Wood Handles.

Size, inches....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen.....	\$11.00	11.00	11.00	12.00	13.00	13.00	14.00	15.00
Size, inches.....						$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$
Per dozen.....						\$16.00	17.00	18.00

Assorted in Sets.

Size, inches, $\frac{1}{8}$ to 2 (12)	Per set, \$14.25
Size, inches, $\frac{1}{4}$ to 2 (8)	Per set, 9.50
Size, inches, $\frac{1}{8}$ to $1\frac{1}{2}$ (9)	Per set, 10.00
Size, inches, $\frac{1}{4}$ to 2 (6)	Per set, 7.25

* For Sharpened and Honed Socket Firmer Chisels, add \$.....per dozen, net.

CHISELS—Continued.



No. 252. *Beveled Edge Socket Firmer Chisels, with Leather Capped Handles.

Add \$ per dozen, net, for beveling, to price of No. 251.

No. 0252. *Beveled Edge Socket Firmer Chisels, with All Wood Handles.

Add \$ per dozen, net, for beveling, to price of No. 0251.

*For Sharpened and Honed Socket Firmer Chisels, add \$..... per dozen, net.

SOCKET FIRMER CHISELS.

With Ring Head Handles. *Very durable and neat.*



No. 251½. Socket Firmer Chisels, Plain Edge, Ring Head Handles.

Same list price per dozen for same size as No. 251 with Leather Head Handles, see page 60.

No. 252½. Socket Firmer Chisels, Bevel Edge, Ring Head Handles.

Add \$ per dozen to price of No. 251½.

SOCKET FIRMER BUTT CHISELS.

With 3½ inch Blades.



No. 651. Socket Firmer Butt Chisels, Plain Edge, with Leather Capped Handles.

Size, inches,	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1
Per dozen,	\$12.50	12.50	12.50	13.50	14.50	14.50	15.50	16.50
Size, inches					1 1/4	1 1/2	1 3/4	2
Per dozen.....					\$18.00	19.00	20.00	21.00

Assorted in Sets.

Size, inches, 1/8 to 2 (12)	Per set, \$16.00
Size, inches, 1/4 to 2 (8)	Per set, 10.50
Size, inches, 1/8 to 1 1/2 (9)	Per set, 11.00
Size, inches, 1/4 to 2 (6)	Per set, 8.00
Size, inches, 1/4 to 1 1/2 (6)	Per set, 7.85

CHISELS—Continued.



No. 0651. Socket Firmer Butt Chisels, Plain Edge, with All Wood Handles.

Size, inches	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen,	\$11.00	11.00	11.00	12.00	13.00	13.00	14.00	15.00
Size, inches	...	...	...	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	
Per dozen	.....			\$16.00	17.00	18.00	19.00	

Assorted in Sets.

Size, inches, $\frac{1}{8}$ to 2 (12)	Per set, \$14.25
Size, inches, $\frac{1}{4}$ to 2 (8)	Per set, 9.50
Size, inches, $\frac{1}{8}$ to $1\frac{1}{2}$ (9)	Per set, 10.00
Size, inches, $\frac{1}{4}$ to 2 (6)	Per set, 7.25
Size, inches, $\frac{1}{4}$ to $1\frac{1}{2}$ (6)	Per set, 7.00

SOCKET FIRMER BUTT CHISELS.

Beveled Edge.



No. 652. Socket Firmer Butt Chisels, Bevel Edge, with Leather Capped Handles.

Add \$..... per dozen, net, for beveling to price of No. 651.



No. 0652. Socket Firmer Butt Chisels, Bevel Edge, with All Wood Handles.

Add \$..... per dozen, net, for beveling to price of No. 0651.

For contents, weights and measurements of full cases, see page 81.

CHISELS—Continued.

SETS OF SOCKET FIRMER CHISELS.

In Fancy Boxes.

With Leather Head Hickory Handles. In sets in nicely finished hardwood boxes, each chisel being held in its place by a clasp.

Prices on application.



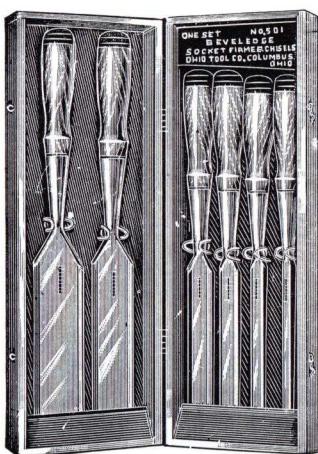
No. 500.

No. 480. Set of 12, Plain Edge,
Same Style Box as No. 500.

One each
 $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2 inch

No. 500. Set of 12, Bevel Edge.

One each
 $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2 inch



No. 501.



No. 502.

No. 481. Set of 6, Plain Edge, Same Style Box as No. 501.

One each
 $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 2 inch

No. 501. Set of 6, Bevel Edge.

One each
 $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 2 inch

No. 482. Set of 6, Plain Edge, Same Style Box as No. 502.

One each
 $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 2 inch

No. 502. Set of 6, Bevel Edge.

One each
 $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 2 inch

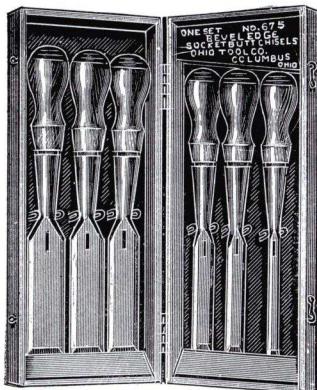
CHISELS—Continued.

SETS OF BUTT SOCKET FIRMER CHISELS.

In Fancy Boxes.

With Leather Head Hickory Handles. In sets in nicely finished hardwood boxes,
each chisel being held in its place by a clasp.

Prices on application.



No. 675.

No. 650. Set of 6, Plain Edge.

One each. $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 2 inch

No. 655. Set of 6, Plain Edge.

One each. $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ inch

No. 670. Set of 6, Bevel Edge.

One each. $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 2 inch

No. 675. Set of 6, Bevel Edge.

One each. $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ inch

Sets In Fancy Boxes.

With All Wood Handles.

Prices on Application.

No. 641. Set of 6, Plain Edge.

One each. $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 2 inch

No. 642. Set of 6, Plain Edge.

One each. $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ inch

No. 661. Set of 6, Bevel Edge.

One each. $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$, 2 inch

No. 662. Set of 6, Bevel Edge.

One each. $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$ inch

No. 662.

CHISELS—Continued.

SOCKET FIRMER GOUGES.

Leather Head Handles, *durable and attractive*, furnished unless otherwise ordered. Plain Head Handles sent if order so specifies. Outside Bevel will be sent unless order specifies otherwise.

No. 252 $\frac{1}{2}$. Socket Firmer Gouges, with Leather Capped Handles.

Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen.....	\$8.50	8.50	9.00	9.50	10.00	10.50	11.00	11.50
Size, inches.....					$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen.....						\$13.00	14.00	15.00

Assorted in Sets.

8 in a set, $\frac{1}{4}$ to 2 inch, one each, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2 inch, per set....	\$ 8.20
12 in a set, $\frac{1}{8}$ to 2 inch, one each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2 inch, per set.....	11.40

No. 0252 $\frac{1}{2}$. Socket Firmer Gouges, with All Wood Handles.

Size, inches.....	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Per dozen	\$7.00	7.00	7.50	8.00	8.50	9.00	9.50	10.00
Size, inches.....					$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen.....						\$11.00	12.00	13.00

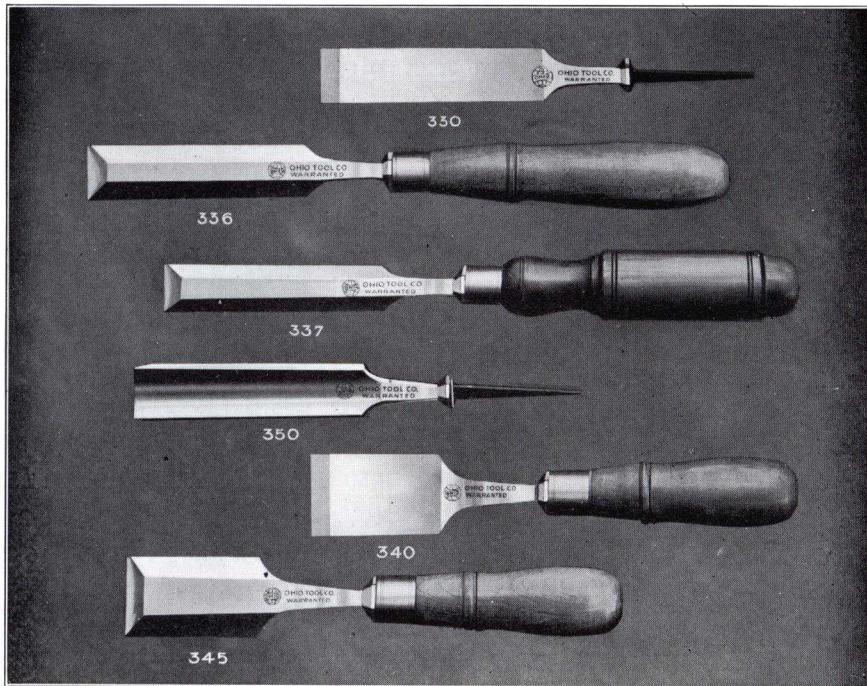
Assorted in Sets.

8 in a set, $\frac{1}{4}$ to 2 inch, one each, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2 inch, per set....	\$ 7.00
12 in a set, $\frac{1}{8}$ to 2 inch, one each, $\frac{1}{8}$, $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{3}{4}$, 2 inch, per set	9.75

CHISELS—Continued.

TANGED FIRMER CHISELS AND GOUGES.

The 1 inch are 5½ inches long from bolster.



No. 330. Tanged Firmer Chisels, Plain Edge, Not Handled.

Size, inches	1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
Per dozen	\$2.00	2.00	2.25	2.75	3.00	3.25	3.50	4.00	5.25	6.00	7.50	9.00

Assorted in Sets.

Size, inches, 1/8 to 2 (12)	Per Set, \$4.25
Size, inches, 1/8 to 1 1/2 (9)	Per Set, 2.75
Size, inches, 1/8 to 1 (8)	Per Set, 2.25

No. 331. Tanged Firmer Chisels, Plain Edge, Handled.

Size, inches, 1/8	1/4	3/8	1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	1 3/4	2
Per dozen, \$3.00	3.00	3.25	3.75	4.00	4.25	4.50	5.00	6.25	7.00	8.50	10.00

Assorted in Sets.

Size, inches, 1/8 to 2 (12)	Per set, \$5.25
Size, inches, 1/8 to 1 1/2 (9)	Per set, 3.50
Size, inches, 1/8 to 1 (8)	Per set, 2.95

CHISELS—Continued.

No. 335. Tanged Firmer Chisels, Bevel Edge, Not Handled.
Add \$.....per dozen, net, for beveling to price of No. 330.

No. 336. Tanged Firmer Chisels, Bevel Edge, with Common Handles,
as illustrated.
Add \$.....per dozen, net, for beveling to price of No. 331.

No. 337. Tanged Firmer Chisels, Bevel Edge, with Fancy Applewood
Handles, as illustrated.
Add \$.....per dozen, net, for beveling and style of handle, to price of No. 331.

TANGED GOUGES.

No. 350. Tanged Firmer Gouges, Not Handled.

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,	\$2.50	2.50	2.75	3.00	3.50	3.75	4.25	4.50	6.25	7.75	9.25	11.50

Assorted in Sets.

Size, inches, $\frac{1}{8}$ to 2 (12).....	Per set, \$5.25
Size, inches, $\frac{1}{8}$ to $1\frac{1}{2}$ (9).....	Per set, 3.25
Size, inches, $\frac{1}{8}$ to 1 (8).....	Per set, 2.50

No. 351. Tanged Firmer Gouges, Handled.

Size, inches,	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen,	\$3.50	3.50	3.75	4.00	4.50	4.75	5.25	5.50	7.25	8.75	10.25	12.50

Assorted in Sets.

Size, inches, $\frac{1}{8}$ to 2 (12).....	Per set, \$6.25
Size, inches, $\frac{1}{8}$ to $1\frac{1}{2}$ (9).....	Per set, 4.00
Size, inches, $\frac{1}{8}$ to 1 (8).....	Per set, 3.30

TANGED BUTT CHISELS.

Length of Blades, $2\frac{1}{2}$ inches.

No. 340. Tanged Firmer Butt Chisels, Plain Edge, Plain Handles,
as illustrated.

Size, inches.....	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
Per dozen.....	\$4.25	5.00	6.25	7.00	8.50	10.00

Assorted in Sets.

Size, inches, $\frac{3}{4}$ to 2 (6).....	Per set, \$3.50
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No. 341. Tanged Firmer Butt Chisels, Plain Edge, Leather Head
Handles.

Add \$.....per dozen, net, for style of handle, to price of No. 340.

No. 345. Tanged Firmer Butt Chisels, Bevel Edge, Plain Handles,
as illustrated.

Add \$.....per dozen, net, for beveling to price of No. 340.

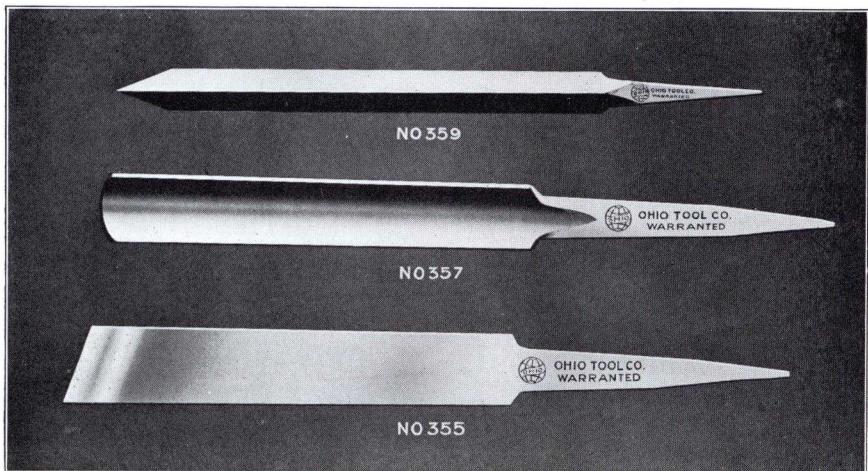
No. 346. Tanged Firmer Butt Chisels, Bevel Edge, Leather Head
Handles.

Add \$.....per dozen, net, for beveling and style of handle, to price of No. 340.

CHISELS—Continued.

TURNING TOOLS.

The 1 inch is $10\frac{1}{4}$ inches long.



No. 355. Tanged Turning Chisels.

Size, inches, $\frac{1}{8}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{4}$ $1\frac{1}{2}$ $1\frac{3}{4}$ 2
 Per dozen, \$3.00 3.00 3.25 3.60 4.00 4.50 5.00 5.75 7.25 9.25 11.25 13.25

Assorted in Sets.

Size, inches, $\frac{1}{8}$ to 2 (12) Per set, \$6.50
 Size, inches, $\frac{1}{4}$ to $1\frac{1}{2}$ (9) Per set, 4.50

For No. 355 with handles, add \$1.00 per dozen, list.

No. 357. Tanged Turning Gouges.

Size, inches, $\frac{1}{8}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ 1 $1\frac{1}{4}$ $1\frac{1}{2}$ $1\frac{3}{4}$ 2
 Per dozen, \$3.75 3.75 4.25 4.75 5.25 6.00 7.00 8.00 10.00 13.00 15.00 18.00

Assorted in Sets.

Size, inches, $\frac{1}{8}$ to 2 (12) Per set, \$8.50
 Size, inches, $\frac{1}{4}$ to $1\frac{1}{2}$ (9) Per set, 5.50

For No. 357 with handles, add \$1.00 per dozen, list.

No. 359. Parting Tools.

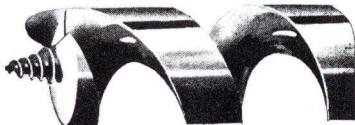
Size, inches $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$
 Per dozen \$4.50 5.00 5.50

“OHIO EXTRA” SINGLE TWIST AUGER BIT.

To meet the demand for a *High Grade Single Twist Bit* with a *Single Cutter*, that will bore *absolutely straight* and *easily*, we are placing on the market our No. 515 “Ohio Extra” Bit as illustrated.

CONSTRUCTION. These bits are made from a high grade of steel, forged from the bar between dies by trip hammer. The style of twist we have adopted, as illustrated, makes a very strong bit, and eliminating a great deal of the stock in the center, gives an exceptional amount of clearance.

HEAD. We also illustrate separately the head we use on our “Ohio Extra” Bit to show the details that make this the *Most Easy Cutting, Rapid Boring and Perfect Clearing Bit* on the market.



No. 515. “Ohio Extra” Auger Bits.

Size in 16ths...	3	4	5	6	7	8	9
Per dozen	\$4.50	4.00	4.00	4.00	4.50	5.00	5.50
Size in 16ths...	10	11	12	13	14	15	16
Per dozen	\$6.00	7.00	7.00	8.00	8.00	9.00	9.00

No. 515

Sets in Plain Boxes.

Set of 6, (14 Qrs.), one Bit each 4, 6, 8, 10, 12 and 16-16ths, per set....	\$3 00
Set of 7, (15½ Qrs.), one Bit each 4, 5, 6, 8, 10, 12 and 16-16ths, per set..	3 35
Set of 8, (18¾ Qrs.), one Bit each 4, 5, 6, 8, 10, 12, 14 and 16-16ths, per set	4 00
Set of 9, (20½ Qrs.), one Bit each 4, 5, 6, 7, 8, 10, 12, 14 and 16-16ths, per set	4 40
Set of 13, (32½ Qrs.), one Bit each 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, and 16-16ths, per set.....	7 00

“OHIO EXTRA” SINGLE TWIST AUGER BIT—Continued.

Sets in Fancy Boxes.

We also furnish these bits in sets in nicely finished hardwood boxes, same style as shown for set No. 535 on page 72, each bit being held in its place by a clasp. Prices on application.

No. 516 Set of 6, (14 Qrs.), one Bit each 4, 6, 8, 10, 12 and 16-16ths.

No. 516 $\frac{1}{2}$ Set of 7, (15 $\frac{1}{4}$ Qrs.), one Bit each 4, 5, 6, 8, 10, 12 and 16-16ths.

No. 517 Set of 8, (18 $\frac{3}{4}$ Qrs.), one Bit each 4, 5, 6, 8, 10, 12, 14 and 16-16ths.

No. 517 $\frac{1}{2}$ Set of 9, (20 $\frac{1}{2}$ Qrs.) one Bit each 4, 5, 6, 7, 8, 10
12, 14 and 16-16ths.

No. 518 Set of 13, (32 $\frac{1}{2}$ Qrs.) one Bit each 4, 5, 6, 7, 8, 9,
10, 11, 12, 13, 14, 15 and 16-16ths.



No. 511

“OHIO” EXPANSIVE BITS.

These Bits are carefully made from high-grade materials and are fully warranted.

List
Per Dozen

No. 510 Small size, furnished with cutters Nos. 1 and 2, cutting from $\frac{1}{2}$ to $1\frac{1}{2}$ inch hole; length over all, 8 inches.....\$18 00

No. 511 Large size, furnished with cutters Nos. 3 and 4, cutting from $\frac{7}{8}$ to 3 inch hole; length over all, $9\frac{3}{4}$ inches..... 26 00

Packed one in a box.

EXTRA CUTTERS.

Nos.	1	2	3	4	5
Cuts from, inches.	$\frac{1}{2}$ to $\frac{7}{8}$	$\frac{7}{8}$ to $1\frac{1}{2}$	$\frac{7}{8}$ to $1\frac{3}{4}$	$1\frac{3}{4}$ to 3	$2\frac{1}{2}$ to 4
Per dozen.....	\$3.00	3.75	5.25	6.00	9.00

Packed one-half dozen in a box.

WE ARE SOLE MANUFACTURERS OF

BAILEY AUGERS, BRACE, CAR AND MACHINE BITS

PATENTED OCTOBER 22, 1889

Their Peculiar Construction, gives them advantages over the ordinary twist, in that while all the cutting qualities are retained by leaving the head undisturbed, one-half of the twist is left out, making them single spiral, thus forming a large receptacle for the chips, removing the friction from the wall of the hole, and allowing the chips to pass up and out entirely free, which obviates the necessity of frequently withdrawing the bit to clear the hole.

A High Grade of Crucible Steel is used in them. Each bit is forged from the bar into shape between dies by trip-hammer, which process makes the grain of the steel finer and tougher, thus insuring a better tool than can be made by the old process of twisting.

They are Carefully Made throughout; well-finished; each bit being closely inspected before leaving the factory, thus reducing to the minimum the chances of any but perfect bits getting out.

Their Special Features: Durability, Fine Finish, Rapid and Easy Cutting. Prices Reasonable.

BAILEY AUGER BITS



No. 520. Jennings Pattern Extension Lip sent unless order states otherwise. Common or Double Spur Pattern Head furnished if order so states.



No. 525. Coarse Screw, no Marking Lips, for hardwood boring. Especially adapted for boring the hardwoods of Australia, South Africa, South and Central America and Mexico. If wanted, so specify.

All above styles of Auger Bits take same Prices.



BAILEY AUGER BITS, Nos. 520 and 525—Continued.

SEE FOOT PAGE 71.

Size in 16ths.....	3	4	4½	5	5½	6	6½	7	7½
Price per dozen.....	\$4.50	4.00	4.00	4.00	4.00	4.00	4.50	4.50	5.00
Size in 16ths.....	8	8½	9	10	11	12	13	14	15
Price per dozen.....	\$5.00	5.50	5.50	6.00	7.00	7.00	8.00	8.00	9.00
Size in 16ths.....	16	17	18	19	20	21	22	23	24
Price per dozen.....	\$9.00	10.50	10.50	12.00	12.00	13.50	13.50	15.00	15.00
Size in 16ths.....	26	28	30	32					
Price per dozen.....	\$17.00	19.00	21.50	23.00					

Sets in Plain Boxes.

Set of 6, (14 Qrs.), one Bit each 4, 6, 8, 10, 12, and 16-16ths, per set	\$3 00
Set of 7, (15½ Qrs.), one Bit each 4, 5, 6, 8, 10, 12, and 16-16ths, per set	3 35
Set of 8, (18¾ Qrs.), one Bit each 4, 5, 6, 8, 10, 12, 14 and 16-16ths, per set	4 00
Set of 9, (20½ Qrs.), one Bit each 4, 5, 6, 7, 8, 10, 12, 14 and 16-16ths, per set	4 40
Set of 13, (32½ Qrs.), one Bit each 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, and 16-16ths, per set	7 00

Sets in Fancy Boxes.

In nicely finished hardwood boxes, each bit being held in its place by a clasp.
Prices on application.



No. 535.

No. 533	Set of 6, (14 Qrs.), one Bit each 4, 6, 8, 10, 12 and 16-16ths.
No. 533½	Set of 7, (15½ Qrs.), one Bit each 4, 5, 6, 8, 10, 12 and 16-16ths.
No. 533¾	Set of 8, (18¾ Qrs.), one Bit each 4, 5, 6, 8, 10, 12, 14 and 16-16ths.
No. 534	Set of 9, (20½ Qrs.), one Bit each 4, 5, 6, 7, 8, 10, 12, 14 and 16-16ths.
No. 535	Set of 13, (32½ Qrs.), one Bit each 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16-16ths.

If Bits are wanted in fancy sets with No. 525 Head for hardwood boring, so specify; their invoice numbers being No. 533c, etc., respectively.

If Bits with Common or Double Spur Pattern Head are wanted in fancy boxes, specify to that effect, they taking the numbers 533d, etc., respectively.

BAILEY AUGERS, BRACE, CAR AND MACHINE BITS—Continued.

BAILEY CAR BITS.

Twist, 12 inches. Shank, 5 inches.



No. 540. Jennings Pattern Extension Lip sent unless order states otherwise. Common or Double Spur Pattern Head furnished if order so states.



No. 545. Coarse Screw, no Marking Lips, for hardwood boring. Especially adapted for boring the hardwoods of Australia, South Africa, South and Central America and Mexico. If wanted, so specify.

All above styles of Car Bits take same prices.

Size in 16ths.....	4	4½	5	5½	6	6½	7	7½	8	8½
Price per dozen.....	\$9.00	9.00	9.00	9.00	9.00	10.00	10.00	11.25	11.25	12.50

Size in 16ths.....	9	10	11	12	13	14	15	16	17
Price per dozen.....	\$12.50	13.75	15.00	16.25	17.50	19.00	20.50	22.00	24.00

Size in 16ths.....							18	20
Price per dozen.....							\$26.00	30.00

SHIP AUGER PATTERN CAR BITS.



No. 550

Twelve inch Twist.

Size in 8ths.....	2½	3	3½	4	4½	5	5½
Price per dozen.....	\$8.50	9.00	9.50	10.00	10.50	11.00	11.50

Size in 8ths.....	6	6½	7	7½	8	8½	9
Price per dozen.....	\$12.00	12.50	13.00	14.00	14.50	15.50	16.00

Size in 8ths.....	9½	10	10½	11	11½	12
Price per dozen.....	\$17.00	17.50	18.50	19.00	21.50	22.00

SHIP AUGERS WITH RINGS.



No. 553.

Size in 8ths.....	4 and under.	4½ and 5.	5½ and 6.	6½ and 7.	7½ and 8.
Price per dozen.....	\$8.25	9.90	11.55	13.20	14.85

Size in 8ths.....	8½ and 9.	9½ and 10.	10½ and 11.	11½ and 12.
Price per dozen.....	\$16.50	18.15	19.80	23.10

Prices, on Sizes not listed, on application. State quantity wanted.

BAILEY AUGERS, BRACE, CAR AND MACHINE BITS—Continued.

BAILEY CARPENTERS' NUT AUGERS.



No. 555.

Size in 16ths.....	8	10	12	14	16	18	20
Price per dozen.....	\$8.25	9.50	10.75	12.00	13.25	15.00	17.00
Size in 16ths.....				22	24	28	32
Price per dozen				\$19.00	22.00	26.00	30.00

BAILEY MACHINE BITS.

Twist, 3 to 6 inches long. Shank, 2 inches long, $\frac{1}{2}$ inch in diameter.

Other sizes at special prices.



No. 560.

No. 560. Jennings Pattern Extension Lip sent unless otherwise specified. Common or Double Spur Pattern Head furnished if order so states.

Size in 16ths.....	4	4 $\frac{1}{2}$	5	5 $\frac{1}{2}$	6	6 $\frac{1}{2}$
Price per dozen.....	\$ 7.80	8.40	8.40	9.00	9.00	9.90
Size in 16ths.....	7	7 $\frac{1}{2}$	8	8 $\frac{1}{2}$	9	10
Price per dozen.....	\$ 9.90	10.80	10.80	12.00	12.00	13.20
Size in 16ths.....	11	12	13	14	15	16
Price per dozen.....	\$14.40	15.60	16.80	18.00	19.20	20.40
Size in 16ths.....	17	18	19	20	21	22
Price per dozen.....	\$21.60	22.80	24.00	25.20	26.40	27.60
Size in 16ths.....	23	24	26	28	30	32
Price per dozen.....	\$28.80	30.00	33.00	36.00	39.00	42.00

BAILEY BORING MACHINE AUGERS.



No. 565.

Size in 16ths.....	12	14	16	18	20	22	24
Price per dozen....	\$11.00	13.00	15.00	17.00	19.00	21.00	24.00
Size in 16ths.....						28	32
Price per dozen.....						\$28.00	32.00

BAILEY AUGERS, BRACE, CAR AND MACHINE BITS—Continued.

BAILEY SUGAR TREE BITS.



No. 567.

Size in 16ths.....	6	7	8	9	10	11	12
Price per dozen.....	\$4.00	4.50	5.00	5.50	6.00	7.00	7.00

BAILEY BRACE DOWELS.



No. 570.

Size in 16ths.....	4	5	6	7	8	9	10	11	12
Price per dozen.....	\$4.00	4.00	4.00	4.50	5.00	5.50	6.00	7.00	7.00

BAILEY MACHINE DOWELS.



No. 575.

Are about $4\frac{1}{2}$ inches entire length.

Size in 16ths.....	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6	$6\frac{1}{2}$
Price per dozen.....	\$4.00	4.00	4.00	4.00	4.00	4.50
Size in 16ths.....	7	$7\frac{1}{2}$	8	$8\frac{1}{2}$	9	10
Price per dozen.....	\$4.50	5.00	5.00	5.50	5.50	6.00
Size in 16ths.....	11	12	13	14	15	16
Price per dozen.....	\$7.00	7.00	8.00	8.00	9.00	9.00
Size in 16ths.....			17	18	19	20
Price per dozen.....			\$10.50	10.50	12.00	12.00

SCREW DRIVER BITS.



No. 580.

Length	4 inches	6 inches	10 inches
Price per dozen.....	\$2.00	2.50	3.50

BENCH PLANE IRONS.

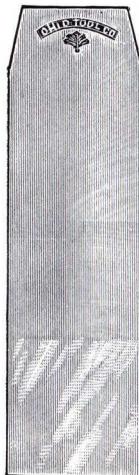
(For Wood Planes)

Manufactured from Extra Quality Cast Steel and warranted.

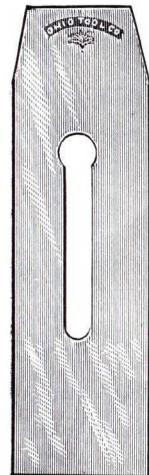
Invoice
No.

	Price Per Dozen
253 Single or Cut, without caps, 1 $\frac{1}{2}$ inch	\$2 50
1 $\frac{5}{8}$ inch	2 75
1 $\frac{3}{4}$ inch	2 75
1 $\frac{1}{8}$ inch	2 95
2 inch	3 15
2 $\frac{1}{8}$ inch	3 35
2 $\frac{1}{4}$ inch	3 70
2 $\frac{3}{8}$ inch	4 10
2 $\frac{1}{2}$ inch	4 50
2 $\frac{5}{8}$ inch	4 90
2 $\frac{3}{4}$ inch	5 50
3 inch	7 00
Assorted, 2 to 2 $\frac{1}{2}$ inch	3 75

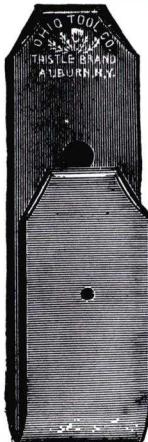
NOTE. In ordering No. 253 Irons, always specify whether Cut Irons or Single Irons are wanted. See illustrations.



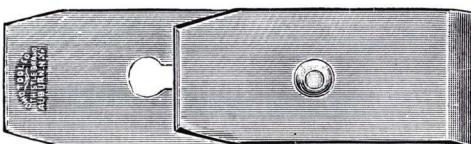
No. 253 Single Iron.



No. 253 Cut Iron.

No. 254.
Double Iron.Invoice
No.

	Price Per Dozen
254 Double, 1 $\frac{1}{2}$ inch	\$5 50
1 $\frac{5}{8}$ inch	6 00
1 $\frac{3}{4}$ inch	6 00
1 $\frac{7}{8}$ inch	6 25
2 inch	6 45
2 $\frac{1}{8}$ inch	6 65
2 $\frac{1}{4}$ inch	7 00
2 $\frac{3}{8}$ inch	7 40
2 $\frac{1}{2}$ inch	8 20
2 $\frac{5}{8}$ inch	9 00
2 $\frac{3}{4}$ inch	10 15
3 inch	11 70
Assorted, 2 to 2 $\frac{1}{2}$ inch	7 15

Invoice
No.No. 254 $\frac{1}{4}$.Price
Per Dozen

254 $\frac{1}{4}$ Eureka, Double, Brass Nutted, sharpened ready to use.
Add \$.....per dozen to price of No. 254.

BENCH PLANE IRONS—Continued.

No. 254½ Soft Plane Irons, without caps.

Size, inches.....	2	2½	2¼	2¾	2½	2½	2¾
Price per dozen.	\$2.00	2.13	2.38	2.63	2.88	3.13	3.50
Size, inches.....			3	3¼	3½	3¾	4
Price per dozen.....			\$4.50	4.75	5.50	6.00	6.50

MISCELLANEOUS PLANE IRONS.

No. 255 Raising Plane Irons.

Size, inches.....	2½	2¾	3	3¼	3½	3¾	4
Price per dozen....	\$3.25	3.75	4.50	5.00	5.50	6.00	6.50

No. 256 Leveling Plane Irons.

Size, inches.....					2	2½
Price per dozen.....					\$2.25	2.50

No. 257 Coopers' Jointer Irons, single, 10 inches long.

Size, inches.....		2½	2¾	3
Price per dozen.....		\$5.50	6.00	6.25

Prices for larger sizes quoted on application.

No. 258 Coopers' Jointer Irons, double, 10 inches long.

Size, inches.....		2½	2¾	3
Price per dozen.....		\$10.00	10.75	11.88

Prices for larger sizes quoted on application.

COOPERS' FLOAT AND GOUGE HOWEL IRONS.

Made to order. Prices quoted on application.

No. 259 Stock Howel Irons.

Size, inches.....	1¾	1⅞	2	2½
Price per dozen.....	\$3.50	3.63	3.75	4.50

No. 260 Match Plane Irons for Ceiling Planes.

Size, inches.....	½	¾	¾	1
Price per dozen.....	\$2.62	2.62	2.75	2.80

No. 260½ Match Plane Irons for Flooring Planes, 1¾ inch.....\$3.25

No. 261 Match Plane Bits for Board and Plank Match Planes, $\frac{1}{8}$ to $\frac{5}{16}$ in. \$1.50

MISCELLANEOUS PLANE IRONS—Continued.

No. 262 Tooth Plane Irons.

Size, inches.....	$1\frac{7}{8}$	2	$2\frac{1}{8}$	$2\frac{1}{4}$
Price per dozen.....	\$4.95	5.15	5.35	5.70

No. 263 Skew Rabbet Irons.

Size, inches....	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$
Price per dozen.	\$1.15	1.20	1.25	1.30	1.40	1.55	1.65	1.85	2.00	2.25	2.60

No. 264 Square Rabbet Irons.

Same price as No. 263 for same sizes.

No. 265 Soft Moulding Irons.

Size, inches.....	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Price per dozen...	\$0.90	90	90	95	95	95	1.00	1.10	1.15
Size, inches.....	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2	$2\frac{1}{8}$	$2\frac{1}{4}$	$2\frac{3}{8}$
Price per dozen..	\$1.20	1.25	1.35	1.45	1.60	1.70	1.85	1.95	2.10

No. 266 Plow Bits, per set of 8, one each, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{9}{16}$, $\frac{5}{8}$. per set, \$1 50No. 266 $\frac{1}{2}$ Filletster Irons, $1\frac{5}{8}$ inch, price per dozen..... 1 50

No. 267 Dado Irons.

Size, inches.....	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Price per dozen..	\$1.00	1.00	1.00	1.00	1.00	1.06	1.10	1.15	1.25

CUTTERS.

No. 267 $\frac{1}{2}$ Dado Cutters.

Size, inches.....	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
Price per dozen...	\$1.25	1.25	1.25	1.25	1.25	1.30	1.35	1.40	1.50

No. 268 Slitting Gauge Cutters..... 1 20

No. 268 $\frac{1}{2}$ Filletster Cutters 1 00

No. 269 Rabbet Plane Cutters 1 00

PLANE STOPS.

No. 269 $\frac{1}{2}$ Plow Screw Stops	\$5 00
No. 270 Dado Screw Stops.....	4 00
No. 270 $\frac{1}{2}$ Filletster Screw Stops	7 00
No. 271 Plow Side Stops.....	1 80
No. 271 $\frac{1}{2}$ Dado Side Stops	1 80
No. 272 Filletster Side Stops	3 00

CONTENTS OF REGULAR CASES, APPROXIMATE WEIGHTS AND MEASUREMENTS OF CERTAIN GOODS.

WOOD BENCH PLANES.

No.	Contents of Cases	Outside Measurements		Gross Weight	Net Weight
		Length	Width		
3	36	30	x 14 x 11 $\frac{1}{2}$	94 lbs.	74 lbs.
15	30	29	x 18 x 21	159 lbs.	127 lbs.
15	36	32	x 18 x 21	183 lbs.	147 lbs.
21	24	35	x 24 x 14 $\frac{3}{4}$	195 lbs.	152 lbs.
21	30	35	x 24 x 18	232 lbs.	188 lbs.
27	20	30	x 23 x 19	192 lbs.	146 lbs.

IMPROVED WOOD PLANES.

One each in a paper box.

No.	Contents of Cases	Outside Measurements		Gross Weight	Net Weight
		Length	Width		
280	30	31	x 10 x 19	77 lbs.	60 lbs.
281	30	31	x 10 x 19	79 lbs.	62 lbs.
282	30	31	x 13 $\frac{1}{2}$ x 19	102 lbs.	76 lbs.
283	30	31	x 13 $\frac{1}{2}$ x 19	104 lbs.	78 lbs.
284	30	33	x 18 $\frac{1}{4}$ x 19	121 lbs.	90 lbs.
286	24	44	x 24 $\frac{1}{2}$ x 14 $\frac{1}{2}$	153 lbs.	132 lbs.
288	16	29 $\frac{1}{2}$	x 28 $\frac{1}{2}$ x 14 $\frac{3}{4}$	140 lbs.	105 lbs.
290	16	29 $\frac{1}{2}$	x 30 $\frac{1}{2}$ x 14 $\frac{3}{4}$	157 lbs.	120 lbs.

ADJUSTABLE WOOD PLANES.

One each in a paper box.

No.	Contents of Cases	Outside Measurements		Gross Weight	Net Weight
		Length	Width		
021	24	31 $\frac{1}{2}$	x 9 $\frac{1}{2}$ x 13	84 lbs.	66 lbs.
022	24	33	x 10 x 13	89 lbs.	68 lbs.
023	24	33	x 11 x 12 $\frac{1}{2}$	90 lbs.	69 lbs.
024	24	36	x 10 x 12 $\frac{1}{2}$	96 lbs.	75 lbs.
025	24	35	x 15 x 15 $\frac{1}{4}$	79 lbs.	56 lbs.
026	24	37	x 17 x 14	121 lbs.	108 lbs.
027	24	38	x 17 x 14	144 lbs.	114 lbs.
027 $\frac{1}{2}$	24	37	x 17 x 14 $\frac{1}{2}$	161 lbs.	136 lbs.
028	18	34	x 20 $\frac{1}{2}$ x 15 $\frac{1}{2}$	142 lbs.	112 lbs.
029	12	23 $\frac{1}{2}$	x 22 $\frac{1}{2}$ x 15 $\frac{1}{2}$	116 lbs.	88 lbs.
030	12	23 $\frac{1}{2}$	x 24 $\frac{1}{2}$ x 15 $\frac{1}{4}$	120 lbs.	91 lbs.
031	12	23 $\frac{1}{2}$	x 26 $\frac{1}{2}$ x 15 $\frac{1}{4}$	123 lbs.	93 lbs.
032	12	25 $\frac{1}{2}$	x 28 $\frac{1}{2}$ x 15 $\frac{1}{4}$	132 lbs.	102 lbs.
033	12	25 $\frac{1}{2}$	x 30 $\frac{1}{2}$ x 15 $\frac{1}{4}$	152 lbs.	118 lbs.
034	12	25 $\frac{1}{2}$	x 32 $\frac{1}{2}$ x 15 $\frac{1}{4}$	162 lbs.	122 lbs.
035	24	36	x 12 x 14	109 lbs.	87 lbs.
036	12	22	x 12 $\frac{1}{2}$ x 13 $\frac{1}{2}$	75 lbs.	52 lbs.
037	12	27	x 15 x 15 $\frac{1}{4}$	84 lbs.	56 lbs.
0122	24	33	x 15 x 13	74 lbs.	54 lbs.
0127	24	38	x 17 x 14	140 lbs.	108 lbs.
0135	24	36 $\frac{1}{2}$	x 12 x 13 $\frac{1}{2}$	94 lbs.	72 lbs.
0129	12	23 $\frac{1}{2}$	x 22 $\frac{1}{2}$ x 15 $\frac{1}{2}$	92 lbs.	66 lbs.
0132	12	25 $\frac{1}{2}$	x 28 $\frac{1}{2}$ x 15 $\frac{1}{4}$	118 lbs.	90 lbs.

ADJUSTABLE IRON PLANES.

One each in a paper box.

No.	Contents of Cases	Outside Measurements	Gross Weight	Net Weight
01	36	24 x 8 $\frac{1}{4}$ x 13 $\frac{1}{2}$ inches	61 lbs.	40 $\frac{1}{2}$ lbs.
02	36	27 $\frac{1}{2}$ x 10 x 17 $\frac{1}{4}$ inches	104 lbs.	72 lbs.
03	36	33 x 11 x 18 inches	147 lbs.	117 lbs.
04	24	33 x 10 $\frac{1}{2}$ x 12 $\frac{1}{4}$ inches	108 lbs.	90 lbs.
04 $\frac{1}{4}$	24	36 x 11 $\frac{1}{2}$ x 13 inches	118 lbs.	96 lbs.
04 $\frac{1}{2}$	24	37 $\frac{1}{2}$ x 12 $\frac{1}{2}$ x 13 inches	142 lbs.	117 lbs.
05	12	18 x 16 $\frac{1}{2}$ x 13 inches	67 lbs.	54 lbs.
05 $\frac{1}{4}$	12	19 x 16 x 13 inches	73 lbs.	58 lbs.
05 $\frac{1}{2}$	12	21 x 17 x 13 inches	91 lbs.	67 lbs.
05 $\frac{3}{4}$	12	21 x 17 $\frac{1}{2}$ x 13 $\frac{1}{2}$ inches	98 lbs.	74 lbs.
06	12	22 x 20 x 13 $\frac{1}{2}$ inches	101 lbs.	78 lbs.
07	12	22 x 20 x 13 $\frac{1}{2}$ inches	112 lbs.	95 lbs.
08	12	27 $\frac{3}{4}$ x 20 $\frac{1}{2}$ x 14 inches	128 lbs.	103 lbs.

WOOD BENCH SCREWS.

No.	Size	No. of Doz. in Case	Outside Measurements	Gross Weight	Net Weight
183	2 inch	1	33 x 14 $\frac{1}{4}$ x 13 $\frac{1}{4}$ inches	72 lbs.	47 lbs.
184	2 $\frac{1}{4}$ inch	1	33 x 14 $\frac{1}{4}$ x 13 $\frac{1}{4}$ inches	80 lbs.	52 lbs.
185	2 $\frac{1}{2}$ inch	1	33 x 14 $\frac{1}{4}$ x 13 $\frac{1}{4}$ inches	83 lbs.	63 lbs.
185c	2 $\frac{1}{2}$ inch	1	33 x 14 $\frac{1}{4}$ x 13 $\frac{1}{4}$ inches	95 lbs.	68 lbs.
185 $\frac{1}{2}$	2 $\frac{1}{2}$ inch	1	32 $\frac{1}{2}$ x 13 $\frac{1}{4}$ x 14 $\frac{1}{2}$ inches	88 lbs.	73 lbs.
186	2 $\frac{1}{2}$ inch	1	32 $\frac{1}{2}$ x 13 $\frac{1}{4}$ x 14 $\frac{1}{2}$ inches	87 lbs.	72 lbs.

IRON BENCH SCREWS.

No.	Size	No. of Doz. in Case	Outside Measurements	Gross Weight	Net Weight
170	1 inch	1	20 $\frac{1}{2}$ x 13 $\frac{1}{4}$ x 8 $\frac{1}{4}$ inches	75 lbs.	59 lbs.
171	1 $\frac{1}{8}$ inch	1	21 x 13 $\frac{1}{4}$ x 9 $\frac{1}{4}$ inches	90 lbs.	74 lbs.
172	1 $\frac{1}{4}$ inch	1	21 x 13 $\frac{1}{4}$ x 9 $\frac{1}{4}$ inches	100 lbs.	84 lbs.
173	1 $\frac{1}{2}$ inch	1	22 x 14 x 11 inches	147 lbs.	126 lbs.

HAND SCREWS.

No.	No. of Doz. in Case	Outside Measurements	Gross Weight	Net Weight
800	1	37 $\frac{1}{4}$ x 25 $\frac{1}{2}$ x 10 $\frac{1}{4}$ inches	160 lbs.	129 lbs.
801	1	37 $\frac{1}{4}$ x 23 $\frac{3}{4}$ x 10 $\frac{1}{4}$ inches	145 lbs.	114 lbs.
802	1	33 $\frac{1}{2}$ x 21 $\frac{1}{4}$ x 9 $\frac{1}{2}$ inches	120 lbs.	92 lbs.
803	1	33 $\frac{1}{2}$ x 21 $\frac{1}{4}$ x 9 $\frac{1}{2}$ inches	120 lbs.	92 lbs.
804	1	33 $\frac{1}{2}$ x 19 $\frac{1}{4}$ x 9 $\frac{1}{2}$ inches	100 lbs.	83 lbs.
805	1	33 $\frac{1}{2}$ x 19 $\frac{1}{4}$ x 9 $\frac{1}{2}$ inches	100 lbs.	83 lbs.
806	1	31 $\frac{1}{2}$ x 17 $\frac{1}{2}$ x 8 $\frac{1}{4}$ inches	78 lbs.	60 lbs.
807	1	31 $\frac{1}{2}$ x 17 $\frac{1}{2}$ x 8 $\frac{1}{4}$ inches	78 lbs.	60 lbs.
808	1	31 $\frac{1}{2}$ x 15 x 8 $\frac{1}{4}$ inches	65 lbs.	47 lbs.
809	1	31 $\frac{1}{2}$ x 15 x 8 $\frac{1}{4}$ inches	65 lbs.	47 lbs.
810	1	26 $\frac{1}{4}$ x 13 x 8 inches	41 lbs.	30 lbs.
811	1	26 $\frac{1}{4}$ x 13 x 8 inches	41 lbs.	30 lbs.
812	2	23 $\frac{3}{4}$ x 16 x 9 $\frac{1}{4}$ inches	55 lbs.	36 lbs.
813	2	16 $\frac{3}{4}$ x 11 x 8 $\frac{1}{4}$ inches	30 lbs.	23 lbs.
814	2	15 x 9 x 8 $\frac{1}{4}$ inches	19 lbs.	13 lbs.
815	2	13 $\frac{1}{2}$ x 9 x 8 $\frac{1}{4}$ inches	11 lbs.	8 lbs.
816	2	15 $\frac{1}{2}$ x 7 $\frac{3}{4}$ x 6 $\frac{3}{4}$ inches	14 lbs.	10 lbs.

CONTENTS OF REGULAR CASES, ETC.—Continued.

CHISELS.

Half dozen in a wooden box.

No.	Size	No. of Doz. in Case	Outside Measurement			Gross Weight	Net Weight
249	$\frac{1}{4}$ inch	6	23	x	16 x 7 inches	59 lbs.	45 lbs.
249	$\frac{3}{8}$ inch	6	23	x	16 x 7 inches	63 lbs.	49 lbs.
249	$\frac{1}{2}$ inch	6	24	x	18 x $8\frac{1}{2}$ inches	76 lbs.	59 lbs.
249	$\frac{5}{8}$ inch	6	24	x	18 x $8\frac{1}{2}$ inches	78 lbs.	61 lbs.
249	$\frac{3}{4}$ inch	6	25	x	$19\frac{1}{2}$ x $9\frac{1}{2}$ inches	105 lbs.	85 lbs.
249	$\frac{7}{8}$ inch	6	25	x	$19\frac{1}{2}$ x $9\frac{1}{2}$ inches	107 lbs.	87 lbs.
249	1 inch	6	25	x	$19\frac{1}{2}$ x $9\frac{1}{2}$ inches	117 lbs.	97 lbs.
249	$1\frac{1}{4}$ inch	6	25	x	$19\frac{1}{2}$ x $9\frac{1}{2}$ inches	132 lbs.	112 lbs.
249	$1\frac{1}{2}$ inch	6	27	x	$19\frac{1}{2}$ x $9\frac{1}{2}$ inches	165 lbs.	141 lbs.
249	$1\frac{3}{4}$ inch	6	27 $\frac{1}{2}$	x	20 x $9\frac{1}{2}$ inches	182 lbs.	156 lbs.
249	2 inch	6	27 $\frac{1}{2}$	x	20 x $9\frac{1}{2}$ inches	200 lbs.	174 lbs.
251	$\frac{1}{8}$ inch	12	29 $\frac{1}{2}$	x	16 x 9 inches	81 lbs.	60 lbs.
251	$\frac{1}{4}$ inch	12	29 $\frac{1}{2}$	x	16 x 9 inches	85 lbs.	64 lbs.
251	$\frac{3}{8}$ inch	12	32	x	$16\frac{1}{4}$ x 9 inches	89 lbs.	66 lbs.
251	$\frac{1}{2}$ inch	12	32	x	$16\frac{1}{4}$ x 9 inches	97 lbs.	74 lbs.
251	$\frac{5}{8}$ inch	12	32	x	$16\frac{1}{4}$ x 9 inches	113 lbs.	90 lbs.
251	$\frac{3}{4}$ inch	12	33	x	$17\frac{1}{2}$ x 9 inches	118 lbs.	93 lbs.
251	$\frac{7}{8}$ inch	12	33	x	$17\frac{1}{2}$ x 9 inches	126 lbs.	101 lbs.
251	1 inch	12	35	x	18 x 10 inches	153 lbs.	126 lbs.
251	$1\frac{1}{4}$ inch	12	35	x	18 x 10 inches	166 lbs.	139 lbs.
251	$1\frac{1}{2}$ inch	12	35	x	$18\frac{1}{2}$ x 11 inches	188 lbs.	159 lbs.
251	$1\frac{3}{4}$ inch	12	38 $\frac{1}{2}$	x	$18\frac{1}{2}$ x $12\frac{1}{2}$ inches	227 lbs.	192 lbs.
251	2 inch	12	38 $\frac{1}{2}$	x	$18\frac{1}{2}$ x $12\frac{1}{2}$ inches	239 lbs.	204 lbs.

DRAWING KNIVES.

Half dozen in a wooden box. Will pack closer if in paper packages of $\frac{1}{4}$ dozen each, but are not so convenient for store. If wanted in paper packages, so specify.

No.	Size	No. of Doz. in Case	Outside Measurements			Gross Weight	Net Weight
244	7 inch	6	25 $\frac{1}{2}$	x	$19\frac{1}{2}$ x $17\frac{1}{2}$ inches	126 lbs.	94 lbs.
244	8 inch	6	25 $\frac{1}{2}$	x	$19\frac{1}{2}$ x $17\frac{1}{2}$ inches	135 lbs.	103 lbs.
244	9 inch	6	25 $\frac{1}{2}$	x	$20\frac{3}{4}$ x $17\frac{1}{2}$ inches	139 lbs.	106 lbs.
244	10 inch	6	25 $\frac{1}{2}$	x	$21\frac{3}{4}$ x $17\frac{1}{2}$ inches	142 lbs.	107 lbs.
244	11 inch	6	25 $\frac{1}{2}$	x	24 x $17\frac{1}{2}$ inches	150 lbs.	115 lbs.
244	12 inch	6	25 $\frac{1}{2}$	x	24 x $17\frac{1}{2}$ inches	161 lbs.	126 lbs.
244 $\frac{1}{2}$	7 inch	6	25 $\frac{1}{2}$	x	$19\frac{1}{2}$ x $17\frac{1}{2}$ inches	122 lbs.	90 lbs.
244 $\frac{1}{2}$	8 inch	6	25 $\frac{1}{2}$	x	$19\frac{1}{2}$ x $17\frac{1}{2}$ inches	130 lbs.	98 lbs.
244 $\frac{1}{2}$	9 inch	6	25 $\frac{1}{2}$	x	$20\frac{3}{4}$ x $17\frac{1}{2}$ inches	135 lbs.	102 lbs.
244 $\frac{1}{2}$	10 inch	6	25 $\frac{1}{2}$	x	$21\frac{3}{4}$ x $17\frac{1}{2}$ inches	147 lbs.	112 lbs.
244 $\frac{1}{2}$	11 inch	6	25 $\frac{1}{2}$	x	24 x $17\frac{1}{2}$ inches	150 lbs.	115 lbs.
244 $\frac{1}{2}$	12 inch	6	25 $\frac{1}{2}$	x	24 x $17\frac{1}{2}$ inches	153 lbs.	118 lbs.
246	7 inch	6	25 $\frac{1}{2}$	x	$19\frac{1}{2}$ x $17\frac{1}{2}$ inches	130 lbs.	98 lbs.
246	8 inch	6	25 $\frac{1}{2}$	x	$19\frac{1}{2}$ x $17\frac{1}{2}$ inches	134 lbs.	102 lbs.
246	9 inch	6	25 $\frac{1}{2}$	x	$20\frac{3}{4}$ x $17\frac{1}{2}$ inches	153 lbs.	120 lbs.
246	10 inch	6	25 $\frac{1}{2}$	x	$21\frac{3}{4}$ x $17\frac{1}{2}$ inches	157 lbs.	122 lbs.
246	11 inch	6	25 $\frac{1}{2}$	x	24 x $17\frac{1}{2}$ inches	161 lbs.	126 lbs.
246	12 inch	6	25 $\frac{1}{2}$	x	24 x $17\frac{1}{2}$ inches	164 lbs.	129 lbs.

CONTENTS OF REGULAR CASES, ETC.—Continued.

MOULDING AND FANCY WOOD PLANES.

Do not take regular cases, but below will be found approximate weights *per dozen* of certain of these ready for packing, not including the outside packing cases, the Planes simply being wrapped in the usual paper in which they are kept in stock.

- 37 Bead, $\frac{1}{4}$ inch, 9 lbs. 11 oz.
- 37 Bead, $\frac{1}{2}$ inch, 11 lbs. 10 oz.
- 37 Bead, $\frac{3}{4}$ inch, 14 lbs. 2 oz.
- 41 Bead, assorted $\frac{1}{4}$ inch, $\frac{3}{8}$ inch, $\frac{3}{4}$ inch, 11 lbs. 14 oz.
- 43 Cove, assorted $\frac{1}{2}$ inch, $\frac{3}{4}$ inch, 1 inch, 16 lbs.
- 43 $\frac{1}{2}$ Casing, assorted $\frac{1}{2}$ inch, $\frac{3}{4}$ inch, 1 inch, 11 lbs. 4 oz.
- 43 $\frac{1}{4}$ Casing, assorted $\frac{1}{2}$ inch, $\frac{3}{4}$ inch, 1 inch, 17 lbs. 3 oz.
- 43 $\frac{1}{2}$ Quarter round, assorted $\frac{1}{2}$ inch, $\frac{3}{4}$ inch, 1 inch, 15 lbs. 9 oz.
- 47 Dado, assorted $\frac{1}{2}$ inch, $\frac{3}{4}$ inch, $\frac{7}{8}$ inch, 13 lbs. 7 oz.
- 51 Filletster, 28 lbs. 14 oz.
- Filletster, assorted No. 51 to No. 56, 31 lbs. 4 oz.
- 59 Ogee, assorted $\frac{1}{2}$ inch, $\frac{3}{4}$ inch, 1 inch, 16 lbs. 7 oz.
- 59 $\frac{1}{2}$ Ogee, assorted $\frac{1}{2}$ inch, $\frac{3}{4}$ inch, $\frac{7}{8}$ inch, 14 lbs.
- 62 Ogee, assorted $\frac{3}{4}$ inch, $\frac{7}{8}$ inch, $1\frac{1}{2}$ inch, 18 lbs. 2 oz.
- 62 $\frac{1}{2}$ Ogee, assorted $\frac{1}{2}$ inch, $\frac{3}{4}$ inch, 1 inch, 16 lbs. 12 oz.
- 72 H. and R. assorted Nos. 2, 5 and 9, 1 dozen pairs, 22 lbs. 12 oz.
- 75 Match Planes, 1 doz. pairs, assorted $\frac{1}{2}$ inch, $\frac{3}{4}$ inch, $\frac{7}{8}$ inch, 26 lbs. 13 oz.
- 76 Match Planes, 1 doz. pairs, assorted $\frac{1}{2}$ inch, $\frac{3}{4}$ inch, $\frac{7}{8}$ inch, 30 lbs. 2 oz.
- 77 Match Planes, 1 doz. pairs, assorted $\frac{1}{2}$ inch, $\frac{3}{4}$ inch, $\frac{7}{8}$ inch, 31 lbs. 3 oz.
- 90 Nosing, assorted $\frac{3}{4}$ inch, 1 inch, $1\frac{1}{4}$ inch, 17 lbs. 6 oz.
- 90 $\frac{1}{2}$ Nosing, assorted $\frac{3}{4}$ inch, 1 inch, $1\frac{1}{4}$ inch, 23 lbs. 1 oz.
- 91 Nosing, assorted $\frac{3}{4}$ inch, 1 inch, $1\frac{1}{4}$ inch, 16 lbs. 11 oz.
- 92 Nosing, assorted $\frac{3}{4}$ inch, 1 inch, $1\frac{1}{4}$ inch, 23 lbs. 8 oz.
- 94 Plows, 30 lbs. 12 oz.
- 96 Plows, 33 lbs. 10 oz.
- 96 $\frac{1}{2}$ Plows, 35 lbs. 4 oz.
- 101 Plows, 40 lbs. 8 oz.
- 105 Plows, 50 lbs. 4 oz.
- 116 Rabbet, assorted, $\frac{7}{8}$ inch, $1\frac{1}{2}$ inch, 2 inch, 15 lbs. 15 oz.
- 119 Rabbet, assorted, $1\frac{1}{4}$ inch, $1\frac{1}{2}$ inch, 2 inch, 31 lbs. 9 oz.

INDEX.

A PAGE

Arms, Match Plane.....	37
" Panel Plow.....	40
Auger Bits.....	69-75
Augers, Boring Machine.....	74
" Carpenters'.....	74
" Ship, with rings.....	73

B

Beader, Hand	15
Benches, Cabinet Makers' and Manual Training	43, 44, 45, 46
Bits, Auger.....	69-75
" Auger, in fancy boxes.....	70-72
" Car	73
" Car, Ship Auger Pattern.....	73
" Expansive	70
" Machine.....	74
" Panel Plow.....	78
" Screw Driver.....	75
" Sugar Tree.....	75

C

Cabinet Scrapers.....	19
Cases, contents, weights and measurements	79-82

Chisels, Socket Corner.....	60
" Socket Firmer.....	60-64
" Butt, Socket Firmer.....	61-64
" Socket Firmer, in fancy boxes.....	63, 64
" Socket Framing.....	59
" Tanged Firmer.....	66, 67
" Tanged Butt	67
" Tanged Turning.....	68

Clamps, Cabinet Makers'.....	51
Coopers' Edge Tools.....	56
" Wood Tools.....	55

Cutters, Dado	78
" Filletster	78
" Miscellaneous	15, 77, 78
" Slitting Gauge.....	78
" Spoke Shave.....	21

D

Dowels, Brace.....	75
" Machine	75

G

Gouges, Socket Firmer.....	65
" Tanged Firmer	67
" Tanged Turning.....	68

H PAGE

Handles, Auger, Awl, Chisel, File, Plane, etc.....	52, 53, 54
Hoops, Truss.....	56

I

Irons, Bench Plane, Adjustable.....	7
" Bench Plane, Wood.....	76, 77
" Block Plane.....	11
" Miscellaneous Plane.....	15, 77, 78
" Rabbet Plane.....	15, 78

K

Knives, Adjustable Handle.....	57
" Carpenters'	57
" Carriage Makers'	58
" Coopers'	56
" Razor Blade.....	57
" Shingle.....	58
" Wagon Makers'.....	58

P

Parts for Planes.....	16, 17, 18
Planes, Adjustable.....	3-15
" A Double Extra Bench.....	27
" Applewood Bench.....	27
" Astragal.....	31
" Base	31
" Bead (Wood).....	31-35
" Bench, without Irons.....	24
" Bench, Eureka	27
" Bench Boxwood and Rosewood	28
" Block	9, 10, 11
" Box Makers'	30
" Bull-Nose Rabbet.....	11
" Car Beading.....	13
" Carriage Makers' Rabbet, Iron.	5
" Carriage Makers' Rabbet, Wood	30
" Casing Moulding.....	32
" Circular, Adjustable.....	12
" Circular, Wood.....	30
" Coopers' Jointer.....	55
" Coping	41
" Corrugated Iron, Adjustable....	5
" Cove.....	32
" Cove and Bead.....	32

INDEX—Continued.

P—Continued.

P—Continued.		PAGE
Planes, Router	14	
" Sash	41	
" Scraper, Adjustable.....	12	
" Scraper, Veneer, Adjustable...	12	
" Scrub	12	
" Ship	25	
" Side Rabbet.....	41	
" Smooth	4, 5, 6	
" Snipe Bill.....	41	
" Spar	30	
" Table	42	
" Tooth	30	
" Toy.....	25	
" Unxld, Bench.....	29	
" Washboard	42	
" Wood Bench.....	22-29	
" Wood Bottom, Adjustable..	6, 7, 8	
 S		
Scrapers, Box, Adjustable.....	19	
" Veneer, Adjustable.....	12	
Screws, Bench, Iron.....	48	
" Bench, Wood.....	48, 49, 50	
" Hand	51	
" Tail	49	
Screw Driver Bits.....	75	
Slicks, Carpenters'.....	59	
Spoke Shaves.....	19, 20, 21	
Steel, used in Bits or Irons.....	3, 22	
Stops, Plane.....	78	
 T		
Timber, used in Planes.....	22	
Tools, Turners' Parting	68	
 V		
Vises, Rapid Acting.....	47	
 W		
Warranty,* Terms of.....	3, 56	

